







HIGH-TECH PRODUCTION · SALES · TRAINING  
AND EVERYTHING IS PERFECT INSIDE THE EAR.



egger

**Dear Customer** – Quality demands in the hearing aid acoustician sector are high. Today's customers would like a comprehensive, personal advising, a wide selection, the best material, precise workmanship. egger Otoplastik + Labortechnik does everything in its power to help you present an attractive offer to your customer. Over the years, egger has developed and improved laboratory devices, manufacturing techniques, materials, a variety of earmolds, hearing protection and much more. Innovations such as Rapid Manufacturing or the increasingly requested possibilities of professional hearing protection are listed in this catalog along with the full-range offers in the standard otoplastic sector or a wide spectrum of care products and premium hearing aid batteries. In addition, you will find numerous marketing instruments that will help make your business successful. We want you to always be able to offer the right solution to your customer. This catalog will help you do just that. Everything more we will take care of personally. Contact us. We are here for you. egger Otoplastik + Labortechnik. **About Us** • **Bavaria is our home.** We have been on the forefront for many decades of innovative technology and creative design in all aspects pertaining to otoplastics. In our laboratories and manufacturing areas at our location in the Allgaeu in Southern Bavaria, we develop professional solutions for acousticians. Our range includes everything from individual earmold manufacturing to a wide selection of care systems or hearing protection. • **The world is our stage.** We work for customers in more than 90 countries the world over. In Europe, in North and South America, in Asia, in Africa, in Australia and in the Mid East. Our goal is to offer our customers the possibilities, so they are able to work in all areas according to the latest standards. We want to give you what you need, so that you as a hearing aid acoustician can offer exactly what your customers are looking for – competently and comprehensively. • **Your success is our success.** We will help you succeed. Directly, personally, individually. You can count on our products, our service. Every time. Because you are the ones that matter. So that everything is perfect inside the ear.

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So that everything is perfect inside the ear. Therefore egger has made its marks: with **egger** trademarks. As an expression of good experience, credibility, reliability and innovation.



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The fresh-colored cedis logo demands "Yes to Hygiene and Care for everydayHEARING!" Ideally, with the cleaning, function- and value-retaining cedis brand products by egger.



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You can rely on the comprehensive, professional disinfection and hygiene program with this cedis logo: on the hands and on the skin, earmolds and instruments, tools and surfaces.



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Where this cedis logo is on the outside, premium hearing aid batteries are found inside. "Quality Made in Germany", from the largest and most modern production site worldwide.



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With epro hearing protection, noise does not stand a chance. Regardless of whether at the workplace, during your leisure time or at night: the epro brand stands for safe, certified and always individually fitted hearing protection.



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Under the evolupt brand, egger distributes state-of-the-art 3D printers for the production of earmolds, cast molds and ITE shells: for every production quantity. For every budget.

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## Earmolds

The right kind for everyone: The wide selection of today's earmolds offers an individual solution for every customer. An earmold is a one of a kind. It is the decisive link between the human ear and hearing technology. Technical precision in combination with modern manufacturing technology generate the exact fit. Made to fit the uniqueness of man.

## Rapid Manufacturing

The direct route to earmold manufacturing. With Rapid Manufacturing a highly precise scan offers perfect data of the ear impression. Then 3D-Modeling makes it possible to generate a customer-specific fitting with regard to functionality, retention and cosmetic design. The result is a custom-fit earmold that can be reproduced again and again. High-quality materials guarantee complete biocompatibility.

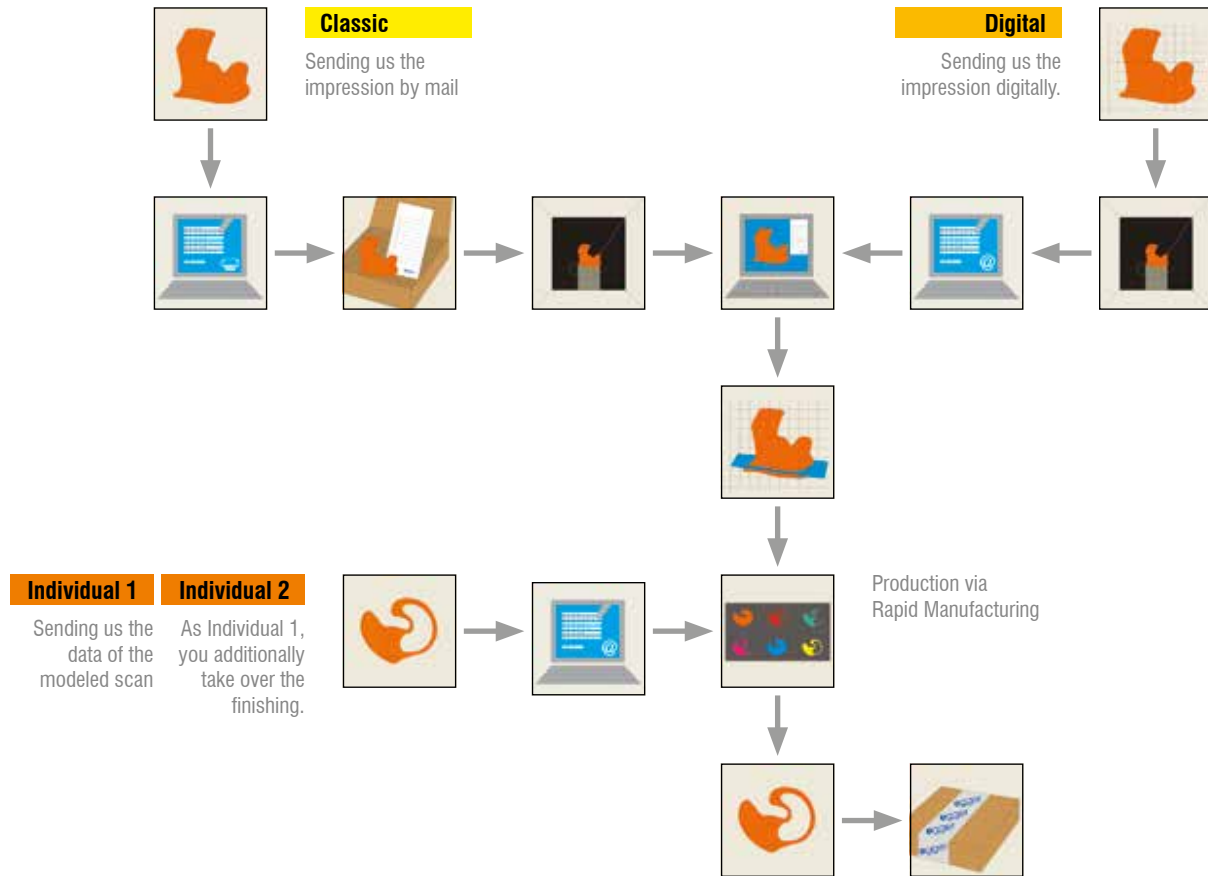


### Advantages:

1. Scan: The data makes exact reproduction of any number of earmolds possible.
2. Modeling: Computer technology permits incorporating individual and functional specifications.
3. Print: The manufacturing process guarantees highest quality – every time.
4. Finishing: The earmold is adjusted manually and is completely biocompatible.



# Four Possible Routes, One Goal:



	Impression	Scan	Modeling	Print	Finishing	Shipping
Classic	Processed by customer	Processed by egger	Processed by egger	Processed by egger	Processed by egger	Processed by egger
Digital	Processed by customer	Processed by egger	Processed by egger	Processed by egger	Processed by egger	Processed by egger
Individual 1	Processed by customer	Processed by egger	Processed by egger	Processed by egger	Processed by egger	Processed by egger
Individual 2	Processed by customer	Processed by egger	Processed by egger	Processed by egger	Processed by customer	Processed by customer

Processed by egger
  Processed by customer

# Materials for Conventional Manufacturing

## V Vision

- especially tissue-compatible
- stable at UVA light

**Colors:**  
rose-transparent  
transparent

## S-60 Silicone 60 shore – soft

- tenacious, but elastic, very high tensile strength, non-skid material
- two-component, cold-curing silicone, 60 shore

**Colors:**  
pink-transparent  
transparent  
Color Collection / Colored  
Silicone Earmolds

## S-25 Silicone 25 shore – extremely soft

- super-soft material structure, 25 shore
- high tensile strength, permanent elasticity, non-skid material
- two-component, cold-curing silicone, 25 shore

**Colors:**  
pink-transparent  
transparent  
Color Collection / Colored  
Silicone Earmolds

## H<sub>2</sub>O Catamaran – for splash protection

- floatable
- addition-vulcanizing, super-soft silicone with a degree of hardness of 35 shore

**Colors:**  
Color Collection / Colored  
Silicone Earmolds

## S-40 Silicone 40 shore – very soft

- elastic (rubber-like), very high tensile strength, non-skid material
- two-component, cold-curing silicone, 40 shore

**Colors:**  
pink-transparent  
transparent  
Color Collection / Colored  
Silicone Earmolds

## TC THERMOtec® – thermal flexible

- especially kind to the skin
- good transfer of humidity
- flexible at body temperature, hard at ambient temperature
- permanent elasticity and trouble-free application
- polyurethane base

**Colors:**  
pink-transparent  
red  
blue  
yellow  
green  
black

Patent under No. P4107284

All used materials are subject to regular quality checks.

# Allergy Problems?

egger materials for earmolds are tested and biocompatible. Only skin friendly materials are used.

In exceptional cases surface coating and special materials can help.



Titanium



LP/H



Gold-Plated



THERMOtec®



Lacquered



Rhodium-Plated

## Titanium Earmold

Antiallergic metal earmold produced from an existing LP/H earmold using the Selective Laser Sintering (SLS) technique. The LP/H earmold is used for the manufacturing of the cast form and burns during casting under high temperatures, leaving no residues. It is necessary to wear the LP/H earmold beforehand as it is not possible to rework the titanium material.

### Advantages:

- antiallergic, biocompatible material which is used in implantation technology
- highest degree of skin and body compatibility
- pureness of metal
- so far no incompatibility known
- precious metal
- absolutely no plastic components
- low metal weight
- extremely long durability
- robust and insensitive

## Vision Earmold

MMA-free plastic material on acrylic base which is polymerized and completely cured under UV-blended light.

### Advantages:

- very skin friendly material
- MMA-free
- 3D print

## Gold-Plated Earmold

After use on a trial basis, a hard earmold can be 18 carat gold-plated. A gold-plated earmold can-not be reworked.

### Advantages:

- antiallergic surface sealing
- every hard earmold can be coated later
- very skin friendly
- gold-plating of bond surfaces or of all surfaces possible
- high-grade appearance and decorative accessory
- high-gloss surface
- high surface cleanliness (18 carat)

## THERMOtec® Earmold

The best mixing degree can be reached when mixing the two-component material while degasifying under vacuum. The following polymerization under pressure and temperature guarantees an optimal skin-compatibility.

### Advantages:

- good transport of moisture
- patented (protected)
- physiologically perfect
- soft in the ear at body temperature
- hard at room temperature
- easy to insert into the ear
- permanent elasticity
- easy to rework

## Lacquered Earmold

An existing hard earmold can be sealed later with LP/H lacquer and hardened under UV-light. It is absolutely necessary to use the earmold on a trial basis because a lacquered earmold cannot be reworked without rupturing the LP/H coating.

### Advantages:

- antiallergic surface sealing is possible at a later date on every hard earmold
- increases the skin-friendliness of acrylic earmolds in case of allergic reactions
- smooth surface structure

## Rhodium-Plated Earmold

After use on a trial basis a hard earmold can be rhodium-plated. A rhodium-plated earmold can-not be reworked.

### Advantages:

- antiallergic surface sealing is possible at a later date on every hard earmold
- very skin friendly
- rhodium-plating of bond surfaces or all surfaces possible
- high-grade appearance and decorative accessory

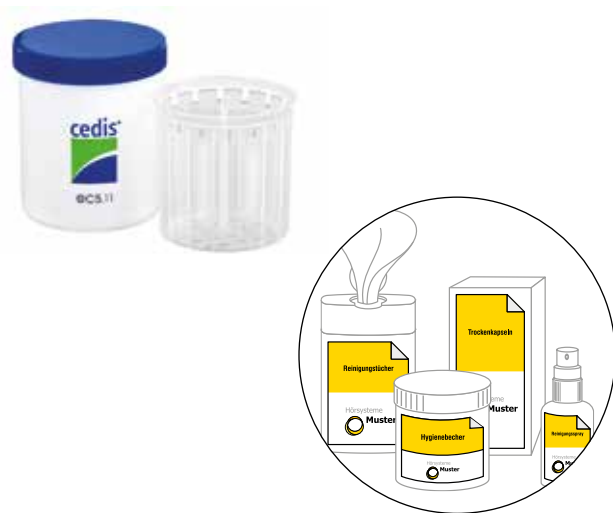
**Note: It is necessary to manufacture a test earmold beforehand.**

## Earmolds for Children

Good hearing from the beginning is the most important prerequisite for the development of the speech center. To enable children to use high-quality hearing systems especially finely worked earmolds are essential. The thin-walled earmold improves the willingness to wear the hearing aid and perfectly insulates the child's ear. Earmolds for children are produced from robust, durable material. Various colors and our Color Collection increase the joy of wearing them. Sound tubes with a small diameter, made especially for children, fit into the tiniest auditory canals. Special retaining earmolds are available for the speech processors of CI-hearing systems.

For more information please contact us.

Phone: +49 831 5811340.



## Care Program

... for long-lasting, good hearing. Professional cleaning and drying ensure the functionality of hearing systems and prevent ear infections. For the hearing aid acoustician the egger care program is the beginning of a continuous customer relationship and lucrative additional sales.

You can choose from the following product lines:

- cedis: The strong brand for all hearing systems
- cedis [my.name]: Your name as a brand

Please give us a call to talk about the details.

Phone: +49 831 5811360

## Labeling of Earmolds

Earmolds are unique. Individual labeling underlines this fact. By adding the name of the company, manufacturing date or left-right-markings the earmold becomes unique. Special requests are possible. Labeling is done by laser technology thus distinguishing the product from others.

We will be happy to inform you.

Phone: +49 831 5811340.



## The Impression Taking

From taking an impression to forming an earmold. Basis for a high-quality earmold is a precise impression-taking of the ear. Experience, expertise and the right materials are necessary for this. The more exact the hearing aid acoustician defines the details for the order, the more precise an earmold can be manufactured. In particular this means giving detailed information on the length of the auditory canal, the length of the cymba, the type of sound tube etc.

Do you have any questions on impression-taking for circumaural earmolds, rest pieces or non-skid earmolds?

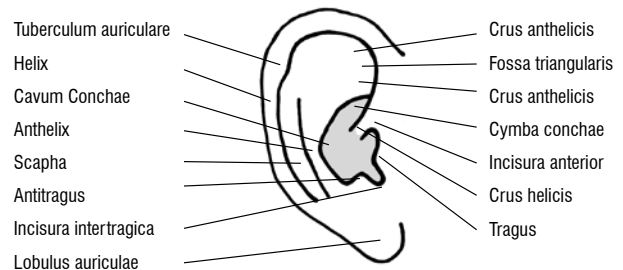
We will be happy to provide you with information.

Please give us a call.

Phone: +49 831 5811340.

## When it starts whistling while you are chewing...

A bite block may help to take a more precise impression, in particular when high transmission gain is needed or in cases of feedback while chewing. While taking the impression, the customer bites down on the bite block putting slight pressure on the jaws. Thus the jaw muscles are strained and the auditory canal straightened.



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## Hearing Protection

Hearing protection today has numerous applications: at work, during leisure time, at night. Work protection regulations mandate the wearing of hearing protection in surroundings with a high noise level. Home improvers, hunters, motor sport enthusiasts or party-goers use protection earmolds for a worry-free time. Musicians combine hearing protection with the possibilities of in-ear-monitoring. Hearing protection opens up entirely new customer segments for the hearing aid acoustician – with a positive outcome.

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INDIVIDUALLY  
FITTED HEAR  
ING PROTECTIO  
N PROTECTIO  
NEAR MOLDS



Individually fitted hearing protection by egger is **INDIVIDUALLY FITTED HEARING PROTECTION / PROTECTION EARMOLDS** useful where ever the highest degree of wearing comfort and very good protection are required. The use of attenuation elements of various noise reduction values ensures the right kind of protection in many fields of operation. Therefore, people can keep up a concentrated performance in a noise-polluted environment. On the following pages we present – above all – our epro hearing protection. The egger-own brand products are always individually fitted and certified.



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# epro-X.S

The innovative hearing protector in any situation.

## Hardly anyone knows your auditory canal better

- manufactured individually after ear impression taking, custom-made to fit your ear perfectly
- made of soft material, hardly perceptible (60 shore)

## At its core: 5 different attenuation elements of stainless steel

- high-precision production, functionality tested individually
- long life span, (almost) unbreakable
- attenuation effect to different degrees – always adequate protection of your hearing, e. g. against, damaging noise at work
- your surroundings remain acoustically perceivable
- 4 attenuation elements “X.2M, X.3M, X.4M, X.5M”
- 1 attenuation element for leisure purposes – with little attenuation, e. g. disturbing street noises or background noise in open-plan offices (see note to “X.1M”)
- 1 to 5 ring marks for visual distinction

## With or without handle – handle it your way

- “with large handle”: quick and easy insertion in or removal from the ear of your hearing protector
- “without handle”: particularly small shape, cosmetically pleasing, hardly noticeable

## Unmistakeable – with color mark or colorful selection

- red in right ear
- blue in left ear
- engraved surface (optional), e. g. name
- on request available in different colors

## With connecting cord – a useful addition

- optionally available with removable connecting cord (special clips) and clip for attaching to clothes
- the connecting cord detaches itself from the hearing protector under excessively strong pressure – because it’s best to be safe
- includes user instructions and storage case

## Pioneering build – with additional sound canal

- for connecting additional products by egger, e. g. professional earphones or a telecommunication headset
- if additional canal is not used, it is blocked tightly with a sealing plug

## Hygienically in top shape

- upon request available with antimicrobial surface coating; prevents unwanted deposits from building on the surface

## Not in the ear – yet still well protected

- including practical case with belt clip; sufficient space for your epro-X.S, the user instructions, guarantee card, cerumen pin and a cedis care gel

## Authentic only with certificate

- the epro-X.S hearing protection has been type-tested by PZT GmbH. It conforms to the regulations for Personal Protective Equipment and is approved as Personal Protective Equipment (PPE).

### Possible fields of application:

industrial sector  
craft sector  
hobbies  
motor sports  
in-ear-monitoring

### Noise level:

medium to high  
low (X.1M comfort element)  
across all frequencies



without handle



with handle



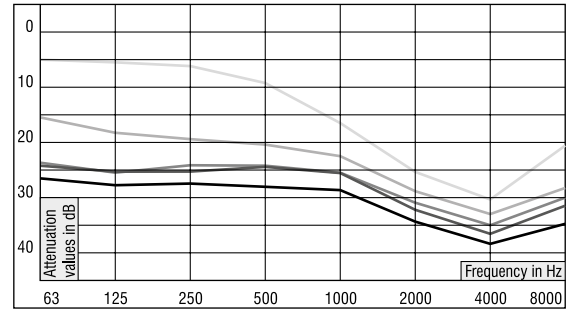
detachable connecting cord (optional)

Attenuation elements (stainless steel)



X.1M X.2M X.3M X.4M X.5M

egger epro hearing protection devices may only be manufactured and brought into the market exclusively by egger Otoplastik + Labortechnik GmbH and its licensing partners.



Frequency in Hz	Attenuation, SNR-, L-, M-, H-values in dB				
	*X.1M	X.2M	X.3M	X.4M	X.5M
63	5	15.7	24	24.6	26.8
125	5.3	18.1	25.4	25.2	27.8
250	6.1	19.2	24.2	25.2	27.5
500	9.1	20.3	24.3	24.6	28
1000	16.6	22.5	25.5	25.5	28.5
2000	25.3	28.9	31	32.3	34.4
4000	30.3	33	35	36.7	38.2
8000	20.8	28.1	29.9	31.8	34.8
SNR-value	13	23	25	27	30
L-value	3	17	21	22	25
M-value	9	20	22	23	26
H-value	19	25	27	27	30

\* = Does not qualify as personal protective equipment; for leisure purposes only  
 SNR = Single Number Rating  
 L = Attenuation values for low frequency noises  
 M = Attenuation values for medium frequency noises  
 H = Attenuation values for high frequency noise

# epro-X.A

The hearing protection all-rounder, hard model.

## Hardly anyone knows your auditory canal better

- manufactured individually after ear impression taking, custom-made to fit your ear perfectly
- made of hard, dirt-repellent, transparent material

## At its core: 5 different attenuation elements of stainless steel

- high-precision production, functionality tested individually
- long life span, (almost) unbreakable
- attenuation effect to different degrees – always adequate protection of your hearing, e. g. against, damaging noise at work
- your surroundings remain acoustically perceivable
- 4 attenuation elements “X.2M, X.3M, X.4M, X.5M”
- 1 attenuation element for leisure purposes – with little attenuation, e. g. disturbing street noises or background noise in open-plan offices (see note to “X.1M”)
- 1 to 5 ring marks for visual distinction

## With or without handle – handle it your way

- “with large handle”: quick and easy insertion in or removal from the ear of your hearing protector
- “without handle”: particularly small shape, cosmetically pleasing, hardly noticeable

## Unmistakeable – with color mark or colorful selection

- red in right ear
- blue in left ear
- engraved surface (optional), e. g. name
- on request available in different colors

## With connecting cord – a useful addition

- optionally available with removable connecting cord (special clips) and clip for attaching to clothes
- the connecting cord detaches itself from the hearing protector under excessively strong pressure – because it’s best to be safe
- includes user instructions and storage case

## Pioneering build

- specially designed integration system for the attenuation element
- attenuation elements and integration system interchangeable if necessary

## Hygienically in top shape

- upon request available with antimicrobial surface coating; prevents unwanted deposits from build-ing on the surface

## Not in the ear – yet still well protected

- including practical case with belt clip; sufficient space for your epro-X.A, the user instructions, guarantee card, cerumen pin and a cedis care gel

## Authentic only with certificate

- the epro-X.A hearing protection has been type-tested by PZT GmbH. It conforms to the regulations for Personal Protective Equipment and is approved as Personal Protective Equipment (PPE).

### Possible fields of application:

industrial sector  
craft sector  
hobbies  
leisure

### Noise level:

medium to high  
low (X.1M comfort element)  
across all frequencies



without handle



with handle



detachable connecting cord (optional)

Attenuation elements (stainless steel)



X.1M

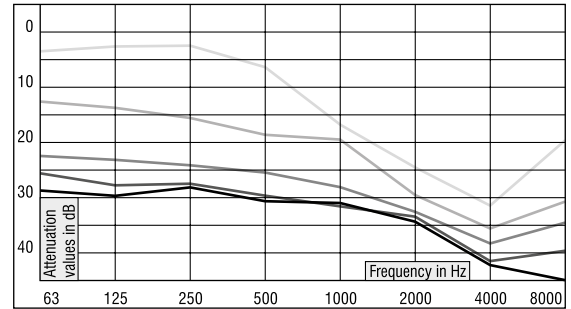
X.2M

X.3M

X.4M

X.5M

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Frequency in Hz	Attenuation values, SNR-, L-, M-, H-values in dB				
	*X.1M	X.2M	X.3M	X.4M	X.5M
63	3.2	12.5	22.5	25.3	27.7
125	2.5	13.6	23	27.5	29.4
250	2.3	15.4	23.8	27.2	27.3
500	6.2	18.3	25.4	29.7	30.1
1000	17	24.7	27.6	31.9	31.1
2000	24.7	29.5	32.6	33.3	33.9
4000	31.6	36.1	38.8	42.4	42.8
8000	24.2	31.1	34.9	39.8	45
SNR-value	11	23	28	30	32
L-value	2	14	22	25	26
M-value	7	20	25	27	28
H-value	18	27	30	31	33

\* = Does not qualify as personal protective equipment; for leisure purposes only  
 SNR = Single Number Rating  
 L = Attenuation values for low frequency noises  
 M = Attenuation values for medium frequency noises  
 H = Attenuation values for high frequency noise

# epro-STOPS

The hearing protection with extra attenuation, without attenuation element, soft model.

## Hardly anyone knows your auditory canal better

- manufactured individually after ear impression taking, custom-made to fit your ear perfectly

## Soft only where the material is concerned

- made of soft, easy to clean material
- hardly perceptible (60 shore)

## Unafraid of noise

- powerful, broadband hearing protection
- outstanding protection against very loud, harming noise levels, e. g. in work areas or during motor sport events
- effective "stop" for disturbing background noises, e. g. traffic noise (road, railway, airplane or similar)
- protection of ear also against cold, draught and dust

## With or without handle – handle it your way

- "with large handle": quick and easy insertion in or removal from the ear of your hearing protector
- "without handle": particularly small shape, cosmetically pleasing, hardly noticeable

## Unmistakeable – with color mark or colorful selection

- red in right ear
- blue in left ear
- engraved surface (optional), e. g. name
- on request available in different colors

## With connecting cord – a useful addition

- optionally available with removable connecting cord (special clips) and clip for attaching to clothes
- the connecting cord detaches itself from the hearing protector under excessively strong pressure – because it's best to be safe
- includes user instructions and storage case

## Hygienically in top shape

- upon request available with antimicrobial surface coating; prevents unwanted deposits from building on the surface

## Not in the ear – yet still well protected

- including practical case with belt clip; sufficient space for your epro-STOPS, the user instructions, guarantee card, cerumen pin, and a cedis care gel

## Authentic only with certificate

- the epro-STOP.S hearing protection has been type-tested by PZT GmbH. It conforms to the regulations for Personal Protective Equipment and is approved as Personal Protective Equipment (PPE).

## Make more out of it

- post-production alteration into an epro-X.S hearing protector possible\* (with attenuation element of stainless steel, within the possibilities of the anatomy of the ear and the condition of your hearing protector's surface structure)\*

\* fee required

### Possible fields of application:

industrial sector and  
craft sector  
hobbies

### Noise level:

extremely high  
across all frequencies



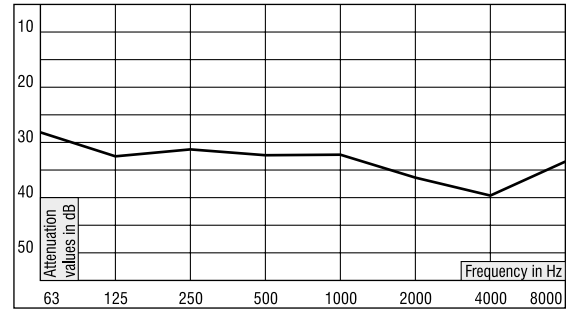
without handle



with handle



detachable connecting cord (optional)



Attenuation, SNR-, L-, M-, H-values in dB								
Hz	63	125	250	500	1000	2000	4000	8000
Mf	28.1	32.7	31.4	32.3	32.0	36.4	39.7	33.7
<b>SNR: 33</b> – L: 29, M: 30, H: 33								

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Note:  
 SNR = Single Number Rating  
 L = Attenuation values for low frequency noises  
 M = Attenuation values for medium frequency noises  
 H = Attenuation values for high frequency noise

# epro-STOP.A

The hearing protection with extra attenuation, without attenuation element, hard model.

## Hardly anyone knows your auditory canal better

- manufactured individually after ear impression taking, custom-made to fit your ear perfectly

## Hard against dirt

- made of hard, transparent, dirt-repellent material
- free of silicone and rubber
- especially suitable for wearing under strong exposure of dirt
- long life material

## Fearless against noise

- strong, broadband hearing protection
- excellent protection against very loud, harming noise levels, e.g. in work areas or during motor sport events
- effective “stop” against disturbing background noises, e.g. traffic noise (road, railway, airplane or similar)
- offers protection of ear also against cold, draught and dust

## With or without handle – handle it your way

- “with large handle”: quick and easy insertion in or removal from the ear of your hearing protector
- “without handle”: particularly small shape, cosmetically pleasing, hardly noticeable

## Unmistakeable – with color mark or colorful selection

- red in right ear
- blue in left ear
- engraved surface (optional), e.g. name
- on request available in different colors

## With connecting cord – a useful addition

- optionally available with removable connecting cord (special clips) and clip for attaching to clothes
- the connecting cord detaches itself from the hearing protector under excessively strong pressure – because it's best to be safe
- includes user instructions and storage case

## Hygienically in top shape

- upon request available with antimicrobial surface coating; prevents unwanted deposits from building on the surface

## Not in the ear – yet still well protected

- includes practical case with belt clip; sufficient space for your epro-STOP.A, user instructions, guarantee card, cerumen pin and a cedis care gel

## Authentic only with certificate

- the epro-STOP.A hearing protection has been type-tested by PZT GmbH. It conforms to the regulations for Personal Protective Equipment and is approved as Personal Protective Equipment (PPE).

### Possible fields of application:

industrial sector and  
craft sector  
hobbies

### Noise level:

extremely high  
across all frequencies





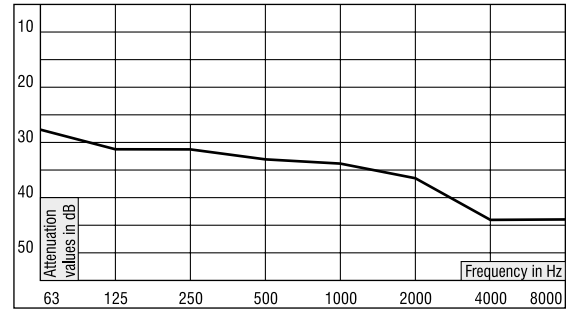
without handle



with handle



detachable connecting cord (optional)



Attenuation, SNR-, L-, M-, H-values in dB								
Hz	63	125	250	500	1000	2000	4000	8000
Mf	27.8	31.3	31.3	33.1	33.8	36.5	44	43.9
<b>SNR: 34</b> – L: 28, M: 30, H: 35								

egger epro hearing protection devices may only be manufactured and brought into the market exclusively by egger Otoplastik + Labortechnik GmbH and its licensing partners.

Note:  
 SNR = Single Number Rating  
 L = Attenuation values for low frequency noises  
 M = Attenuation values for medium frequency noises  
 H = Attenuation values for high frequency noise

# epro-ER

Hearing protection for leisure purposes with natural sound reproduction.

## Hardly anyone knows your auditory canal better

- manufactured individually after ear impression taking, custom-made to fit your ear perfectly
- made of soft material, hardly perceptible (60 shore)

## Its heart beats [not only] for musicians

- music and language sound clear and natural
- broad band attenuation
- only the volume is reduced
- optimum protection for musicians, sound technicians, concert and club goers, etc.

## 9/15/25/stop – You have the choice

- four attenuation elements of different attenuation levels
- available in transparent, red, blue, beige; “stop” in transparent only
- standard delivery: transparent

## It can do “In-Ear-Monitoring”

- with special in-ear earphones it can be turned into professional in-ear-monitoring
- simple, fast removal of attenuation elements/connection of headphones
- ideal for use on stage or connecting to personal listening devices

## With or without handle – handle it your way

- “with large handle”: quick and easy insertion in or removal from the ear of your hearing protector
- “without handle”: particularly small shape, cosmetically pleasing, hardly noticeable

## Unmistakeable – with color mark or colorful selection

- red in right ear
- blue in left ear
- engraved surface (optional), e. g. name
- on request available in different colors

## Not in the ear – yet still well protected

- including practical case with belt clip; sufficient space for your epro-ER, user instructions, guarantee card, cerumen pin, a cedis care gel

## With connecting cord – a useful addition

- optionally available with removable connecting cord (special clips) and clip for attaching to clothes
- the connecting cord detaches itself from the hearing protector under excessively strong pressure – because it’s best to be safe
- includes user instructions and storage case

## Hygienically in top shape

- upon request available with antimicrobial surface coating; prevents unwanted deposits from building on the surface

## Authentic only with certificate

- the epro-ER hearing protection has been type-tested by PZT GmbH. It conforms to the regulations for Personal Protective Equipment and is approved as Personal Protective Equipment (PPE).

### Possible fields of application:

musicians  
music lovers  
noise sensitivity  
noise in the ear  
in-ear-monitoring

### Noise level:

low to medium  
across all frequencies

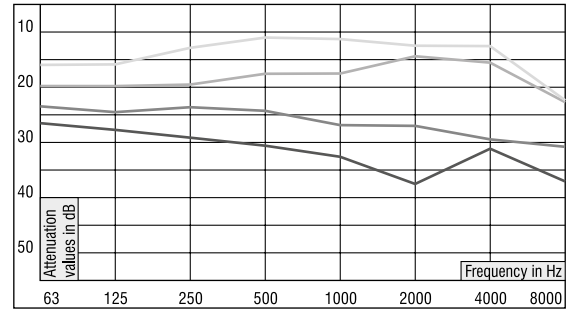
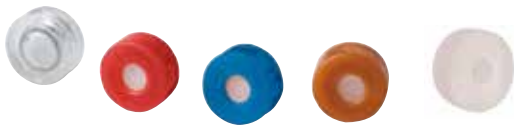


without handle

with handle



detachable connecting cord (optional)



Frequenz in Hz	Attenuation, SNR-, L-, M-, H-values in dB			
	ER 9 *	ER 15	ER 25	ER stop
63	16.0	19.9	23.4	26.6
125	15.9	19.9	24.6	27.9
250	12.9	19.6	23.7	29.1
500	11.0	17.6	24.2	30.6
1000	11.2	17.5	26.9	32.7
2000	12.3	14.4	27.0	37.4
4000	12.6	15.4	29.5	31.1
8000	22.3	22.8	30.9	37.1
SNR-value	11	15	25	30
L-value	9	14	21	26
M-value	9	14	23	28
H-value	10	13	25	29

egger epro hearing protection devices may only be manufactured and brought into the market exclusively by egger Otoplastik + Labortechnik GmbH and its licensing partners.

Note:  
 \* = Does not qualify as personal protective equipment; for leisure purposes only  
 SNR = Single Number Rating  
 L = Attenuation values for low frequency noises  
 M = Attenuation values for medium frequency noises  
 H = Attenuation values for high frequency noise

# epro-ER bang

The special hearing protector – for hunters, target shooters, security personnel, police and military forces and more.

## Hardly anyone knows your auditory canal better

- manufactured individually after ear impression taking, custom-made to fit your ear perfectly
- made of soft material, hardly perceptible (60 shore)
- highest wearing comfort even underneath the protective helmet
- no impairment e. g. when taking aim with long firearms
- the earmold corresponds to that of the world-wide known “ER” musician’s hearing protector

## Its heart beats [not only] for “bang – all that is explosively loud“

- noise level-dependent, immediate protective effect during shooting and impulse noises (illustration 1)
- moderate attenuation effect during unwavering continuous noise (illustration 2 and 3)
- speech and surrounding noise remain audible
- also superbly suitable for percussionists

## It can do “in-ear-monitoring“

- with special in-ear earphones it can be turned into professional in-ear-monitoring
- simple, fast removal of attenuation elements / connection of headphones

## With or without handle – handle it your way

- “with large handle”: quick and easy insertion in or removal from the ear of your hearing protector
- “without handle”: particularly small shape, cosmetically pleasing, hardly noticeable

## Unmistakeable – with color mark or colorful selection

- red in right ear
- blue in left ear
- engraved surface (optional), e. g. name
- on request available in different colors

## Not in the ear – yet still well protected

- including practical case with belt clip; sufficient space for your epro-ER bang, user instructions, guarantee card, cerumen pin, a cedis care gel

## With connecting cord – a useful addition

- optionally available with removable connecting cord (special clips) and clip for attaching to clothes
- the connecting cord detaches itself from the hearing protector under excessively strong pressure – because it’s best to be safe
- includes user instructions and storage case

## Hygienically in top shape

- upon request available with antimicrobial surface coating; prevents unwanted deposits from building on the surface

## Authentic only with certificate

- the epro-ER bang hearing protection has been type-tested by PZT GmbH. It conforms to the regulations for Personal Protective Equipment and is approved as Personal Protective Equipment (PPE).

### Possible fields of application:

Hunters and target shooters  
Security personnel, police forces, military forces  
Percussionists  
Industrial sector and craft sector, e. g. stamping presses



without handle



with handle

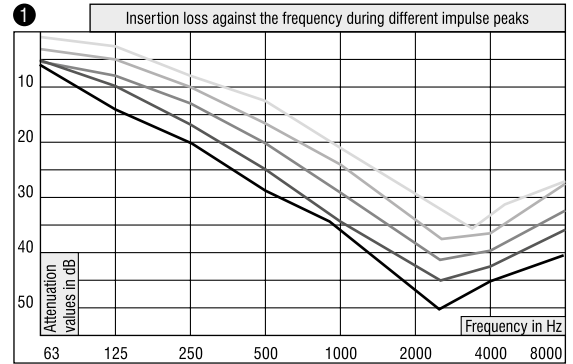


detachable connecting cord (optional)

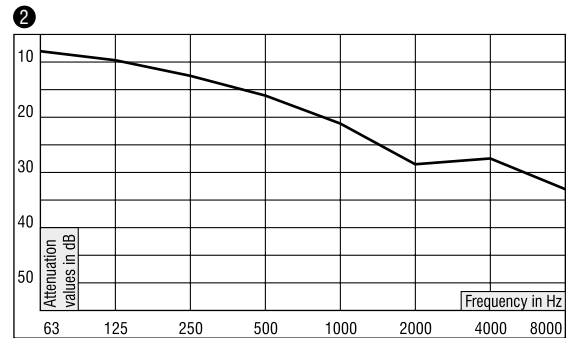


spare attenuation elements

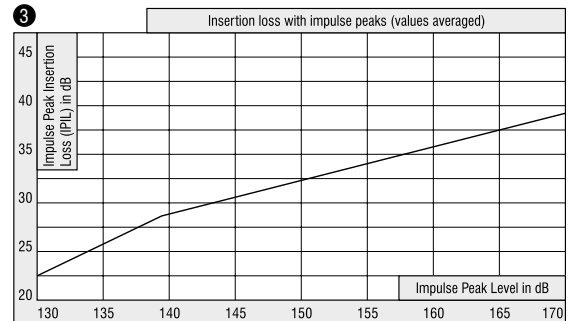
egger epro hearing protection devices may only be manufactured and brought into the market exclusively by egger Otoplastik + Labortechnik GmbH and its licensing partners.



Impulse Peak Level (dB)	130	140	150	166	170
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Attenuation, SNR-, L-, M-, H-values in dB								
Hz	63	125	250	500	1000	2000	4000	8000
Mf	7.0	9.8	12.5	16.0	21.0	28.4	27.4	33.0
<b>SNR: 20</b> - L: 12, M: 16, H: 23								



**H<sub>2</sub>O Splash Protection Earmold**

single-colored / multi-colored, incl. beach safe

The splash protection earmold is custom-made after impression taking. Prevents water from penetrating the ear while taking a bath or shower or doing water sports and therefore protects against ear inflammation. The extremely tissue-friendly, soft material complies with the Medical Devices Act.

- floatable
- very good protection due to customized fit
- seals without applying pressure
- made of soft material (30 shore)
- durable
- available in various colors and color combinations
- "beach safe" included, the waterproof case with cord
- on request available with connection cord
- available in blue, yellow, green, red, white, pink, purple, orange and black



No personal protective equipment (PPE).

**Concha Noise-Reduction Earmold**

Noise and splash protection, incl. bag

The individual ear protection for work and leisure time, manufactured after impression taking. The soft material is pleasant to wear, protects intensively against noise, dust and cold temperatures and prevents water from penetrating the ear.

- good attenuation efficiency
- soft material (25/40/ ) \*
- durable
- perfect fitting
- easy to insert due to handle
- egger storage bag included
- available in transparent, single-colored or multi-colored
- on request available with connection cord



\* 60 shore if not indicated otherwise. We recommend 25 shore.

No personal protective equipment (PPE).

**Noise-Reduction Earmold for Ear Canal**

Small size, great effect, incl. bag

Earplug made of especially soft material, custom-made after ear impression taking. Comfortable to wear due to its small size.

- soft material (25/40/60 shore) \*
- durable
- perfect fitting
- egger storage bag included
- available in transparent, single-colored or multi-colored



\* 60 shore if not indicated otherwise. We recommend 25 shore.

No personal protective equipment (PPE).

**eSENTI, sleep and ear protection**

Small design with great effect, incl. storage bag.

Earplugs made of extremely soft material, manufactured individually after impression taking. The small design has a comfortable fit and secures effective peace while sleeping.

- silence during sleep and study
- protection against wind
- soft material (40 shore)
- long lifespan
- custom-fit
- egger storage bag included
- available in transparent, unicolored or multicolored



No personal protective equipment (PPE).

COMMUNIC  
ATIONSYST  
EMSINeARM  
ONITORING



The professional in-ear monitor – for professional  
**C O M M U N I C A T I O N   S Y S T E M S / I N - E A R - M O N I T O R I N G**  
musicians on stage, as well as for listening to your  
iPod and MP3 player, for headsets of cell phones,  
walkie-talkies or dictaphones. In-ear-monitoring in  
combination with a custom-made monitoring ear-  
mold provides effective hearing protection with high  
wearing comfort. For a professional performance.

## In-Ear-Monitoring (IEM)

Brought forth by stage musicians in the 80s, “in ear monitoring” today represents a myriad of possible applications, in which small earphones are responsible for the good sound in the ear. With the rapidly growing development regarding music players and mobile phones at the latest, this technology has entered our hearing’s “daily life” long ago.

During a stage event, earphones worn directly in the ear replace the large monitor speakers on stage. For controlling one’s own instrument or voice, these monitors generate considerable noise levels. With in ear monitoring on the other hand, the sound can enter the ear with low levels and is thus hearing-friendly. In addition, the stressful singing over the total overall noise on stage is no longer necessary.

Moreover, headsets also make use of this principle in the combination of earphone and microphone. This makes communication via telephone or radio possible even in loud surroundings, i.e. at the workplace. Or when one’s hands need to remain free while working.

The extra highlight comes with the wearing of the customized earmolds. It completes the perfect hearing and speech quality with an incredible wearing comfort and great retention in the ear even while exercising.

You have the choice:

- individual earmolds, manufactured after impression-taking, for your existing earphones (= monitor earmold)
- earphones and headset

Today this technology has become important in many areas of modern communication, e. g. for

- musicians
- security personnel
- radio and TV hosts
- racers and pit crews
- MP3 players
- headsets for mobile devices
- dictaphones in a secretary’s office

If you want to discover the wonders of in-ear-monitoring and do not yet have an in-ear receiver, choose one from the egger program.



In-Ear-Monitoring



## Custom-Made IEM Earmolds

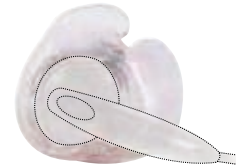
The professional link between man and technology.

- custom-made after ear impression taking
- ensures secure hold in the ear
- comfortable to wear
- great sound reproduction
- reduces background noise
- suitable for many fields of application

**Information for individual IEM earmold orders:** Upon receipt of your order we will send you our estimate of costs. This estimate is composed of the basic price (see price list) as well as the surcharge, depending on earphone model or the anatomy of the ear. Please note that a return of custom-made IEM earmolds is not possible.

### Concha Monitoring Earmold, soft

The concha monitor earmold is manufactured individually, made of soft material, after ear impression. It offers an exact fit for coupling to many standard receivers of CD players, iPods, MP3 players, office communication devices, headsets or radio devices. Thus reducing background noise while staying securely in the ear.



### Ear Canal Monitoring Earmold, soft

The ear canal monitoring earmold is characterized by its small size. Made of soft material after custom-made impression taking. It connects your hearing with mini receivers that are usually worn with ear plugs. The ear canal monitoring earmold is the right earpiece for everyone that is dependent on sound reproduction like musicians, sound technicians or security personnel. The custom-made connection reduces background noise and ensures a secure hold.



### Race-Line in-ear-monitoring, soft (per ear)

In-ear-monitoring for one or both ears. Custom-made, soft earmold/s, manufactured after ear impression taking. Developed especially for motor sport enthusiasts and comfortable to wear under the helmet. The receiver is firmly integrated into the earmold.

Mono model for mono radio and communication systems.

Choice of plugs: RCA jack Standard, RCA jack Neutrik or 3.5 mm plug

Cable length: approx. 55 cm or 100 cm

Cable colors: black



**IEM Earphones****EIM 15** – Earphone suitable for hearing protection epro-ER

EIM 15 is the small, high-quality in-ear stereo earphone, suitable for the custom-made hearing protection epro-ER. Simply exchange filter elements of epro-ER with in-ear earphones and transform your noise protection into an in-ear-monitoring system with natural sound quality, good reproduction of deep tones and great wearing comfort. It is the flexible solution when seeking technology while caring for your hearing.

- transforms epro-ER hearing protection into a professional in-ear-monitoring system
- natural sound quality
- good reproduction of deep tones
- durable, flexible cable
- stereo jack plug (3.5 mm)
- protective case included

**86435**

**Spiral Tube**, 2.0 x 3.1 mm  
with collar clip for coupling to earphones

**95611**

**Elbow** for spiral tube

**95612**

**Coupling Connector with Collar Clip** (without spiral tube)

**95613****Standard Earmold Set**

Includes three soft, ready-made earpieces in different sizes and one lamella-shaped ear plug.

**For left ear**

**95615**

**For right ear**

**95616**

## **Etymotic Research** – the Inventors of the In-Ear Technology

Etymotic Research has been recognized as the market leader in the in-ear technology sector for more than 25 years. The result were the pioneering insert earphones for people who value superior sound quality. Linked to each series, these earphones are additionally available in the Headset version. Apart from perfect listening and speech intelligibility quality, this version guarantees the highest possible safety level when in use.

- + Superior sound
- + Strong design
- + Kevlar-reinforced cable
- + Many accessories
- + Beloved among musicians, music and audio book lovers
- + Clear communication for telephone users with little and lots of breath

### **Note:**

The following earphones/headsets by Etymotic Research can also be equipped with an individual IEM earmold.

### **hf3 In-Ear-Headset**

For iPhone, iPad, iPod touch and other MP 3 players

- close-proximity “In-Line-Microphone” with 3-button control
- supports the control possibilities of the latest mobile devices from Apple
- music automatically pauses for an incoming call
- 3.5 mm 4-contact plug
- many accessories

**black**

**86547**



**ETY-Kids Series** – Guaranteed Fun Listening Experience  
and Hearing Protection

- + Familiar sound quality
- + Hearing-sensitive volume control
- + Suitable especially for kids and teens
- + Glossy look (black)



**ETY-Kids5 In-Ear-Earphone**

For all audio players

86542

- Etymotic sound quality
- integrated volume control
- avoids damaging volume levels
- frequency response 20 Hz - 15 kHz
- up to 42 dB noise isolation
- suitable for audio devices with 3.5 mm plugs
- includes pouch, assorted standard eartips, user manual



**ETY-Kids3 In-Ear-Earphone**

For iPhone, iPad, iPod touch and other MP 3 players

86541

- close-proximity "In-Line-Microphone" with 3-button control
- supports the control possibilities of the latest mobile devices from Apple
- music automatically pauses for an incoming call
- 3.5 mm 4-contact plug
- many accessories as for ETY-Kids5



**ER3XR In-Ear-Earphone** – Premium Quality for Professionals**864211**

- + Meets the needs of professional musicians
- + Suitable for stage action or the recording studio
- + Perfectly equipped in any situation

ER3XR lets hearts and ears flutter in excitement.

These are the right earphones for music lovers and high fidelity enthusiasts who admire uncompromising accuracy in medium and high frequencies and highly estimate additional presence in low frequencies. ER3XR disposes of detachable cables which allow for easy replacement and customization.

- Suitable for high fidelity applications
- Clear sound with extended bass
- Balanced-armature micro-drivers
- Frequency Response 20 - 16,000 Hz
- Maximum Output 122 dB
- Impedance 22  $\Omega$
- Noise Isolation 35 - 42 dB
- Sensitivity at 1 kHz and 0.1 V: 102 dB
- Black metal body with anodized finish
- Kevlar-reinforced cable with angled 3.5 mm plug
- Length of cable: 120 cm
- incl. storage case, jack adaptor, collar clip, assortment of eartips foam/rubber, filter removal tool and replacement filters



STANDA  
RDHEAR  
INGPRO  
TECTION



Standard products protect against noise – quickly  
**STANDARD HEARING PROTECTION**  
and easily. To this end, they are practical for visitor  
groups in noisy factories, for home improvers or  
quiet sleep. Standard hearing protection is avail-  
able for every occasion, in various shapes – plug or  
lamella -, with or without bow, simply as ear muffs or  
as electronic in-ear protection.

## Standard Hearing Protection – Practical and Quick

It is the simple and fast solution for protecting against noise and caring for your hearing. It is practical and offers secure protection at work, for water sports or a good night's sleep. It is available for every occasion and in various shapes – plug or lamella or as active electronic hearing protection.

## Electronic Hearing Protection

Clever, automatic protection for the ear shaped as small in-ear-devices. For loud noise workplaces, hunting and gun sports and also for musicians. Additional noise isolation due to a selection of eartips or optionally available earmolds, manufactured individually after impression taking. Includes comprehensive set components: 1 pair of in-ear hearing protectors, assortment of eartips, robust connecting cord, replacement filter and filter removal tool, cleaning brush, 6 zinc-air batteries A 10, high-quality pouch.



### GSP•15

86536

- especially developed protective effect for the special needs of hunters and target shooters
- in addition authorized for use at workplaces with high noise levels
- protects against explosive noise during the usage of firearms as well as shooting noise in the surroundings, e. g. while hunting or during shooting practice
- characterized by fastest possible return to natural speech reproduction and restoration of hearing perception in uncritical noise levels
- protects also against irritating, continuous and unwavering loud surrounding noise
- intensity of protective effect can be selected: "HI"- up to 5 times better perception of surroundings; "LO"- maximum protection of up to 15 dB against critical noise levels)



**Plug, Kneadable****Ear Putty**

Silicone earplug, 1 pair  
 Splash water protection  
 Sound night's sleep

**86602****Foam Plugs****Classic Soft**

1 pair in pocket pack  
 5 pairs in pocket dispenser  
 50 x 5 pairs in pocket dispenser  
 200 pairs in dispenser

**86565****86561****86562****86563**

SNR: 36 dB, H-value: 36 dB, M-value: 33 dB, L-value: 29 dB

**x-fit**

1 pair in PE pouch  
 200 pairs in box  
 200 pairs in refill bag (without packaging)

**86570****86572****86571**

SNR: 37 dB, H-value: 36 dB, M-value: 34 dB, L-value: 34 dB

**com4-fit**

1 pair in PE pouch  
 200 pairs in box  
 200 pairs in refill bag (without packaging)

**86575****86577****86576**

SNR: 33 dB, H-value: 33 dB, M-value: 30 dB, L-value: 29 dB



Noise category H = high-frequency noise, Noise category M = medium-frequency noise, Noise category L = low-frequency noise

**OHROPAX Color**, 4 pairs in plastic box**86433**

SNR: 34 dB, H-value: 34 dB, M-value: 32 dB, L-value: 31 dB

**Earplug Quiet**, 1 pair**86413**

SNR: 28 dB, H-value: 29 dB, M-value: 25 dB, L-value: 23 dB

**Lamella Shape with Filter Effect****ER-20 mini****86559**

SNR: 18 dB, H-value: 17 dB, M-value: 16 dB, L-value: 14 dB

**ER-20 maxi****86410**

SNR: 18 dB, H-value: 17 dB, M-value: 16 dB, L-value: 14 dB

**PartyPlug®**, 1 pair in plastic box**864141**Standard hearing protection for a pleasant volume when listening to music.  
Transparent lamella and filter.

SNR: 19 dB, H-value: 19 dB, M-value: 19 dB, L-value: 12 dB

**FlyFit®**, 1 pair in plastic box**864121**Standard hearing protection for rest and relaxation on the way.  
White lamella and yellow filter.

SNR: 17 dB, H-value: 19 dB, M-value: 15 dB, L-value: 10 dB



Noise category H = high-frequency noise, Noise category M = medium-frequency noise, Noise category L = low-frequency noise

**SleepSoft®**, 1 pair in plastic box  
 Standard hearing protection for a pleasant night's rest.  
 White lamella and green filter.  
 New: with "Minigrip" (removal string).

**864150**

SNR: 25 dB, H-value: 24 dB, M-value: 24 dB, L-value: 23 dB



**WorkSafe®**, 1 pair in plastic box  
 Standard hearing protection against noise at work, during hobby and  
 leisure time and motor sports. Universal use. Black lamella and red filter.

**864185**

SNR: 23 dB, H-value: 22 dB, M-value: 20 dB, L-value: 20 dB



**SwimSafe®**, 1 pair in plastic box  
 Splash protection. Protects ears against water.  
 White lamella and blue filter.

**864130**

SNR: 10 dB, H-value: 16 dB, M-value: 7 dB, L-value: 2 dB



**MotoSafe® Race**, 1 pair with bag  
 MotoSafe® earplugs are made of durable and flexible material. Thanks to  
 the warmth of the ear, the soft material is shaped to the ear canal for a  
 perfect fit. In combination with the soft filters, the earplugs fit perfectly un-  
 derneath a helmet. The material does not contain silicone, ensuring that  
 the earplugs do no sweat, itch or irritate. They can easily be worn all day.

**864171**

SNR: 20 dB, H-value: 20 dB, M-value: 17 dB, L-value: 15 dB



**Pluggies Kids®**, 1 pair in plastic box  
 Hearing protection for kids (small size) against noise, pressure fluctuations  
 on an airplane and water splashes. White lamella and light-blue filter.

**864160**

SNR: 25 dB, H-value: 24 dB, M-value: 23 dB, L-value: 23 dB



Noise category H = high-frequency noise, Noise category M = medium-frequency noise, Noise category L = low-frequency noise

**Lamella Shape, Closed****whisper+ with Connecting Cord and Box**, 1 pair**86578**

SNR: 27 dB, H-value: 27 dB, M-value: 24 dB, L-value: 22 dB

**Ear Planes for Children**, 1 pair

Protection against air pressure fluctuations in planes

**86416****Ear Planes for Adults**, 1 pair

Protection against air pressure fluctuations in planes

**86415**

No personal protective equipment (PPE).

**Aquafit for Children, red**, 1 pair

Splash protection

**86406****Aquafit for Adults, beige**, 1 pair

Splash protection

**86408**

No personal protective equipment (PPE).

Noise category H = high-frequency noise, Noise category M = medium-frequency noise, Noise category L = low-frequency noise

**Bow-Type Noise Protection****x-cap**

A flyweight with only 8 g. The oval-shaped soft foam earplugs guarantee a comfortable fit.

SNR: 24 dB, H-value: 27 dB, M-value: 19 dB, L-value: 18 dB

**86580****xact-band Hearing Protection with Band**

Ergonomically shaped stems allow the hearing protection to be effective directly in the ear canal and not simply resting in the outer ear.

- Integrated sound absorbers reduce noise transmission via the band
- Left and right thumb indentations for quick and easy handling
- Replacement earplugs can be stored in dispenser
- Extremely light weight: 4 g

SNR: 26 dB, H-value: 29 dB, M-value: 22 dB, L-value: 21 dB

**86583****Ear Muffs****Ear Muffs Muffy Baby**

The Alpine Muffy Baby has been designed to ensure that the headband is not too tight. Thus, the hearing protector never puts too much pressure on the small head. The soft, elastic headband is easy to adjust thanks to the velcro. The two separate ear muffs can be attached easily to the headband and secured in the correct position. This unique ear muff is suitable for babies and toddlers at the age of 0–24 months.

**pink**  
**blue**

**864612**  
**864613**

SNR: 23 dB, H-value: 24 dB, M-value: 21 dB, L-value: 14 dB



Noise category H = high-frequency noise, Noise category M = medium-frequency noise, Noise category L = low-frequency noise

**Alpine Muffy**

Multifunctional – The Alpine Muffy earmuff has been especially designed for the sensitive ears of small children and can be used in various noisy situations. These ear protectors for kids are also very suitable for being able to learn and read in a more focused manner.

The robust and comfortable Alpine Muffy earmuff is made of high-quality material. The adjustable headband covered in soft fabric fits any child's head so they won't grow out of it. The Alpine Muffy earmuffs can be worn by children above the age of 2.

Unique product characteristics

- Very comfortable because of its soft headband
- Adjustable size, fits any child
- Foldable, easy to take with you/store
- Available in five different designs
- Robust and durable
- Easy to clean
- Including storage bag

SNR: 25 dB, H-value: 28 dB, M-value: 22 dB, L-value: 15 dB

**smile**  
**black**  
**blue**  
**white**  
**pink**

**864614**  
**864615**  
**864616**  
**864617**  
**864618**

**Ear Muffs K2, black/yellow****86582**

High-protection in a perfect design. Thus, the new ear muffs K2 impress the user. With soft memory foam cushions and its light weight, the ear muffs are very comfortable to wear.

- Easy length adjustment
- Padded headband for optimal wearing comfort
- Extra soft memory foam ear cushions
- Designed to be lightweight with a small capsule
- Weight: only 218 g

SNR: 32 dB, H-value: 37 dB, M-value: 29 dB, L-value: 21 dB



Noise category H = high-frequency noise, Noise category M = medium-frequency noise, Noise category L = low-frequency noise



**Assortments****Standard Hearing Protection****864500**

Assortment of 14 different products

Contents:

- 1 x Classic SOFT, 5 pairs in pocket dispenser (REF 86561)
- 1 x Classic SOFT, 1 pair in pocket pack (REF 86565)
- 1 x x-fit, 1 pair in PE pouch (REF 86570)
- 1 x Earplug Quiet (REF 86413)
- 1 x Aquafit for adults (REF 86408)
- 1 x Aquafit for children (REF 86406)
- 1 x Ear Planes for adults (REF 86415)
- 1 x Ear Planes for children (REF 86416)
- 1 x Pluggies Kids® (REF 864160)
- 1 x ER-20 mini, 1 pair (REF 86559)
- 1 x ER-20 maxi, 1 pair (REF 86410)
- 1 x PartyPlug® (REF 864141)
- 1 x x-cap bow-type noise protection (REF 86580)
- 1 x xact-band (REF 86583)

**Alpine Lamella-Shaped Hearing Protection****864109**

Assortment of 36 pairs, display included

Set consisting of:

- 1 high-quality display
- 6 x WorkSafe®, 1 pair in plastic box (REF 864185)
- 6 x PartyPlug®, 1 pair in plastic box (REF 864141)
- 6 x FlyFit®, 1 pair in plastic box (REF 864121)
- 6 x SwimSafe®, 1 pair in plastic box (REF 864130)
- 6 x SleepSoft®, 1 pair in plastic box (REF 864150)
- 6 x Pluggies Kids®, 1 pair in plastic box (REF 864160)

**ER-20 mini + maxi****86549**

Assortment containing 10 pairs mini, 10 pairs maxi.



ACCESSO  
RIE **e** SFORH  
EARINGPR  
OTECTION

Everything from spare attenuation elements to  
**ACCESSORIES FOR HEARING PROTECTION**  
beach saves: Useful and practical accessories for  
your customers pertaining to hearing protection. A  
selection that will distinguish you as a competent  
system supplier.



**Sound Level Meter Type 5055**

**86489**



**egger Storage Bag, black**  
With print "egger-gehoerschutz.com"

**19923**



**Storage Bag, black**  
On request labeled with your logo (minimum order quantity 3,000 pieces).  
We will be happy to assist you.

**19924**



**egger Inserting Bag, small**  
With print "egger-gehoerschutz.com"

**198820**



**Inserting Bag, small**  
On request labeled with your logo (minimum order quantity 3,000 pieces).  
We will be happy to assist you.

**19882**



**Aluminum Box**

**86439**



**Beach Safe**

blue  
red  
yellow  
white

99930  
999301  
999303  
999304



**Connecting Cord, textile**

for ER-20 mini/maxi  
for soft hearing protectors with collar clip

86411  
864999



**Connecting Cord, rubber**

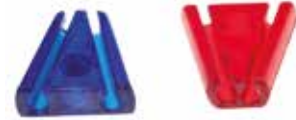
Connecting cord (light gray) for hearing protector, 80 cm

864943

Set of connecting cord (light gray)  
with cord stopper (trapeze-shaped), red and blue, incl. collar clip

864956



**Cord stopper for rubber connecting cord**, neutral, trapeze-shaped**red**  
**blue****864931**  
**864932****Tool for inserting****677500**

Tool for easy inserting of silicone adaptor including attenuation element of stainless steel into epro-X.A hearing protection earmold.

**Metal Detector Ball**, diameter 2.5 mm**19869**

Did you know?

By law, hearing aid products used in the sectors of food, cosmetics and pharmaceuticals must be detectable. This means that if lost, they can be recovered quickly and easily. For this purpose, employees in such workplaces or production halls use so-called metal and optical detection devices to be able to detect contaminated products rapidly, so they can be discarded. To this end, hearing aid earmolds that are used in these sectors are equipped with a metal ball. In addition, the earmold can also be produced in a vivid color.

**Custom-Made Spare Earmolds**

Upon request we will manufacture spare earmolds for you, for example, for epro-X.S

**Wax Pin**, blue**19859**

---

**Universal Collar/ Cabel Clip** for hearing protection and earmolds

**19868**



---

**Dispenser “one 2 click”, empty**

**865710**



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### Spare Parts

#### Eartips for Etymotic Research Earphones

**Spare Eartip 3-flange**, standard, 5 pairs  
for series ER•4 / hf / mc / EK / etyBLU2 / GSP•15  
*Color:* gray-transparent

**865601**



---

**Spare Eartip 3-flange**, large, 5 pairs  
for series ER•4 / hf  
*Color:* gray

**865602**



---

**Spare Eartip 3-flange**, large, 5 pairs  
for series mc / EK  
*Color:* transparent

**865603**





**Spare Eartip, foam**, 5 pairs  
for series ER•4 / hf / mc / EK / etyBLU2 / GSP•15  
Color: gray

**865604**

**Spare Eartip, glider**, 3 pairs  
for series ER•4 / hf / mc / EK / etyBLU2 / GSP•15  
Color: gray

**865605**

### Wax Filters for Etymotic Research Earphones

**ACCU•Filter** (wax filter)

**green**, 6 pieces  
for series ER•4 / hf / GSP•15

**865606**

**gray**, 6 pieces  
for etyBLU2

**865607**

**white**, 6 pieces  
for series mc

**865608**

### x-cap Spare Plugs

**1 pair**  
**5 pairs**

**865801****865805**

## Spare Attenuation Elements for Hearing Protection

<b>X.1M</b> Spare Attenuation Element, 1 piece	<b>19821</b>
<b>X.2M</b> Spare Attenuation Element, 1 piece	<b>19822</b>
<b>X.3M</b> Spare Attenuation Element, 1 piece	<b>19823</b>
<b>X.4M</b> Spare Attenuation Element, 1 piece	<b>19824</b>
<b>X.5M</b> Spare Attenuation Element, 1 piece	<b>19825</b>



### Spare Attenuation Elements ER 9

blue, 1 piece	<b>19776</b>
red, 1 piece	<b>19777</b>
beige, 1 piece	<b>19896</b>
transparent, 1 piece	<b>19871</b>

### Spare Attenuation Elements ER 15

blue, 1 piece	<b>19876</b>
red, 1 piece	<b>19877</b>
beige, 1 piece	<b>19778</b>
transparent, 1 piece	<b>19779</b>

### Spare Attenuation Elements ER 25

blue, 1 piece	<b>19884</b>
red, 1 piece	<b>19885</b>
beige, 1 piece	<b>19783</b>
transparent, 1 piece	<b>19879</b>



<b>Spare Attenuation Element ER stop</b>	<b>19791</b>
closed, 1 piece	

<b>Spare Attenuation Element ER bang</b>	<b>198460</b>
1 piece	

egger epro hearing protection earmolds have been type-tested by the European notified body and CE marked. Therefore they represent Personal Protective Equipment (PPE).

egger epro hearing protection devices may only be manufactured and brought into the market exclusively by egger Otoplastik + Labortechnik GmbH and its licensing partners.



**Sound Tube Adapter for ER Earmold**, 1 piece**197910****Recommended cedis Care Products****cedis Disinfectant Spray eC3**

Ready-made for cleaning and disinfecting (bactericidal, fungicidal and hepatovirucidal effect) hearing aids and earmolds.

Reaction time: 1 minute. Propellant-free.

**Disinfectant Spray mini**, 8 ml, with microfiber cloth**86749****cedis Disinfectant Wipes eC2**

Moist wipes for quickly and effectively cleaning and disinfecting (bactericidal, fungicidal and hepatovirucidal effect) hearing aids and earmolds.

Reaction time: 1 minute

**Pocket Dispenser eC2.5** with 25 moist wipes**86801****Single Wipes eC2.3**, 25 pieces**86802**

Please note our complete cedis care and hygiene product line from page 70.

## The European “Noise at Work” Directive – A Great Challenge

New limit values regarding the daily noise exposure levels have come into force. The Directive mandates the wearing of hearing protection at the workplace. Different to the former Directive, the values of some sectors will be tightened. On the one hand because the exposure limit values have been reduced by 5 dB (A) and on the other hand because of new demands on the appraisal of risks. Where noise exposure exceeds the lower exposure action value of 80 dB (A) (up to now 85 dB (A)), the employer must make individual hearing protectors available to workers. Where noise exposure matches or exceeds the upper exposure action value of 85 dB (A) (up to now 90 dB (A)), individual hearing protectors must be used. This applies to the industry and craft sectors and professional musicians. Many companies must newly introduce or improve the wearing of hearing protection. The hearing protection earmold is often the right and in the long run the economical solution. This is an access for the active hearing aid acoustician to a new lucrative business sector. There is a need. The responsible persons in the companies depend on advice and support.

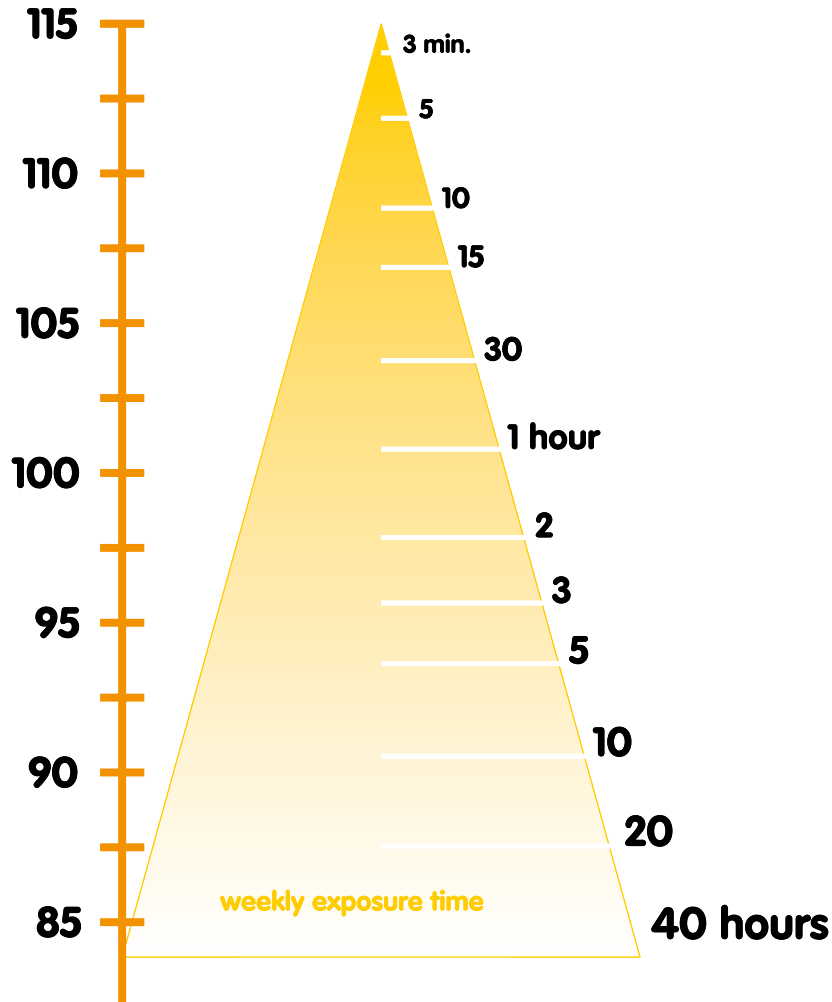
We will provide you with the necessary information on how to proceed professionally.

Please contact us.

Phone: +49 831 5811390

[www.egger.online](http://www.egger.online)

**Sound level dB (A)**



Hearing can suffer damage starting at a decibel intake of 85 decibel over a time period of 40 hours a week. At a volume of 95 decibel the time span of a safe noise level per week is reduced to a mere 4 hours.



e

## Laboratory Technique

Everything you need for the earmold production. So you can economically manufacture high-quality products. From full-range equipment for various manufacturing techniques over modular laboratory furniture to reliable material for your daily operation – here you will find everything from a one source supplier. Moreover, we offer an extensive care program and product presentation materials.

	cedis Premium Hearing Aid Batteries	64 - 67
	Care Products	68 - 87
	Hygiene and Safety at the Workplace	88 - 95
	Impression Technique	96 - 125
	Hearing Aid Accessories / Service and Repairs	126 - 145
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	Preparing the Impression / Manufacturing of Negative Molds	154 - 171
	Digital manufacturing of earmolds	172 - 177
	UV-Polymerization / Venting	178 - 197
	Silicone Technique (cold/hot)	198 - 209
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	Shaping and Surface Polishing	222 - 235
	Laboratory Equipment and Furniture	236 - 259
	Presentation / Promotion Assistance	260 - 271

HEARIN  
GAIDBA  
TTERIES



Test them now and be convinced! Made in  
**CEDIS PREMIUM HEARING AID BATTERIES**  
Germany – premium quality from the world's  
largest and state-of-the-art production site.  
New product-line under the proven cedis  
brand with all of the benefits of the cedis  
loyalty point program. Available in sizes 10,  
312, 13, 675.

## cedis Premium Hearing Aid Batteries

Within 30 years, cedis has grown to become a proven, strong brand and today forms a solid framework including sensible, useful hygiene and care products for everydayHEARING.

This experience confirmed our resolution to extend the cedis brand.

The result:



- proven, reliable product quality "Made in Germany"
- produced in the world's largest and state-of-the-art production plant for hearing aid batteries
- cedis as quality promise with brand recognition
- available in sizes 10, 312, 13, 675
- color and number coding easy to understand
- visible seal of quality
- useful, simple and safe handling
- high capacity, long life
- excellent efficiency even at varying climatic conditions
- corrosion-free due to stainless steel casing
- usage of environmentally sound materials with recyclability
- mercury-free technology\*
- wireless approved – supports high energy demand of wireless technology in modern hearing systems



\* Since October 1, 2015 the sale of mercurial hearing aid batteries in Europe is prohibited.

**Size 10**

**78200**

*Packing unit:* 10 Blister packs with 6 batteries each

**Size 312**

**78240**

*Packing unit:* 10 Blister packs with 6 batteries each

**Size 13**

**78220**

*Packing unit:* 10 Blister packs with 6 batteries each

**Size 675**

**78260**

*Packing unit:* 10 Blister packs with 6 batteries each



**Battery Tester**

**31299**

Small and easy-to-handle battery tester to determine how much power is left in your hearing aid battery. The LCD digital display will quickly indicate the current power level with an ascending bar. Applicable for all common hearing aid battery sizes (675, 13, 312, 10) With battery drawer and chain for attaching to key ring. Delivery in retail pack.



CARE  
PROD  
UCTS

cedis is the brand for egger's comprehensive  
**C A R E P R O D U C T S**  
care program. cedis cleans and protects hearing  
aids, strengthens customer relations and gener-  
ates continuous economic growth. Let the cedis  
quality boost your business success. Includes  
our customer loyalty program and satisfaction  
guarantee.



## ... the Brand-Care for Hearing Systems

Effective through systematic set-up.

It is nice to have a perfectly matching product for every customer's request. cedis means systematic care. This strengthens your advisory competence, creates customer satisfaction, increases your company success.

cedis – the comprehensive care solution for every hearing system.

### One brand – many advantages

#### **Established:**

The international brand for professional care since 30 years.

#### **Comprehensive:**

The right care for every target group: Special offers, care sets, products for professional hygiene management

#### **Trusted:**

User-friendly from experience. Successful through sophisticated products.

#### **Unique:**

Available in up to 27 languages.

#### **cedis Hygiene and Care Products in 15 + 12 Languages**

Your motivation, customer wishes and the need of further languages made us develop the cedis 15 + 12 language version for most of our products. We added 12 more to the existing 15 languages. Thus, cedis is probably the most spoken hygiene and care product line in the world:

DE, GB, NL, ES, PT, IT, FR, PL, RU, SE, NO, DK, TR, KR, AE  
FIN, HU, RO, BG, CZ, SK, XS, GR, HR, IL, LT, LV

We will be pleased to advise you and send detailed information.



Your advantages:

### Single or XXL

You order what you need. According to your demand and independent of minimum order quantities. Starting with 5 pieces you profit from our sliding-scale prices.

### cedis Satisfaction Guarantee

Demonstrate your confidence in the product with the cedis Satisfaction Guarantee. This means: cedis products can be returned within 3 months. Also when opened. Also when not satisfied. We will take the product back or exchange it free of charge.



### cedis – Constancy pays off

You order care products out of our cedis range.

We credit you loyalty points – automatically with every order.

You decide, when you want to trade them in and for what.

The number of points that will be credited to your account is listed next to every product.



With 500 points, you can trade in your points for any product from our cedis range or the whole egger product range. Just inform us when you want to trade them in.

### Our offer: Care for every level

#### For starting:

##### Care kits

Cleansing and Care kits are the ideal starters for a lasting customer relationship. They complete your service for an extensive hearing consultation. The kits are multifunctional and can be adjusted to different target groups.

#### For lasting customer relations

##### Refill products

With your care program you create lasting customer relations. Enlarge your range with refill products for the successive demand. Profit from a regular additional business.

#### Spontaneous and flexible

##### Products for traveling and special offers

For fast care on vacation or in transit, or as give-aways for your special offers. We offer products in special kits.

#### For ultimate perfection

##### Products for professionals

Distinguish yourself as an innovative shop, with exceptional care products. Offer that special something. Doing so improves your image as a competent specialist – not only in sales.

### cedis [my.name]

Your name as a brand:

with cedis [my.name]

Indicate your logo and company name on the whole care product range.

We make it possible. Creative, fast, easy. Details from page 86.



## cedis e100.DS – Electrical Drying Station

Design and engineering “Made in Germany”. With love for details. Even while unpacking, the drying station with its appealing design will draw attention. Only as large as common storage cases for hearing systems, neat equipment features set new standards in the effectiveness, the customer use and the user friendliness.

### Effectiveness

- in the generous hygiene chamber the air is evenly warmed via an electrical heating control and a miniature fan
- hearing systems, in-ear-monitoring etc. are freed gently and reliably of condensation and perspiration at a drying temperature of  $45^{\circ}\text{C} \pm 5^{\circ}\text{C}$  ( $113^{\circ}\text{F} \pm 9^{\circ}\text{F}$ )
- effective contribution to operational safety and the protection of the sensitive electronics and the coating of the components

### Function

- touch-sensitive operational selection/On/Off button
- 1.5-hour mode for regular moisture accumulation
- 3-hour intensive mode for great moisture accumulation
- continuous, multi-tiered temperature surveillance
- safety switch-off in case of failure with visual error display
- automatic switch-off after the end of the drying process

### Hygiene chamber

- sufficient room for drying and storing, e. g. hearing systems with ear-molds, Cochlea Implant BTE processors, earphones etc.
- separator in the floor area for optimum all-around air circulation
- integrated fixation for the optionally available stainless steel basket, e. g. for use during heightened need for disinfection and sterilization as a result of ear illnesses

87470





**Optional features**

- lid with intuitive opening notch and practical magnetic lock
- cosmetic mirror as removal/insertion help

Power supply unit:

Input AC 100 - 240V ~ 50/60 Hz; Output DC 5V, 1000 mA

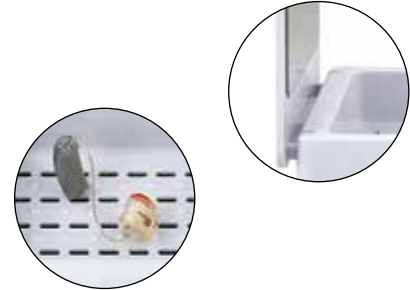
Outer dimensions: W 95 x D 83,5 x H 35 mm

Inside dimensions: W 77 x D 55 x H 19 mm

Weight: 120 g

Temperature range: 45 °C ± 5 °C (113 °F ± 9 °F)

LED display: Light emitting diode with color change function

Accessories:

**Stainless steel basket**

**874702**

**Power supply unit (EU version) incl. USB-Wire**

**874958**

**Complete Set cedis e100.DS –**

**Electrical Drying Station including stainless steel basket**

**87471**

**Starting from only 50 units with your good name**

- logo print (lid) possible starting from an order quantity of only 50 units
- in case of interest in a custom color (also transparent) for the housing we will gladly advise you on the current conditions

## cedis e300.DUS – Electrical Hygiene Station in most appealing design

The second generation shows the basic functions consequently enhanced: UV-C light, electrical drying, storage. In addition, practical empirical values and references of users worldwide influenced product development. The new hygiene station is now presented with innovative facilities and valuable additional functions – in most appealing design.

### Effectiveness

- hygienic cleaning with circumferential UV-C light source
- UV-C light reduces accumulation of germs on hearing systems, earmolds etc. and reduces risk of skin infection in ear
- the specially developed light source flushes the hygiene chamber from four sides with UV-C light (5 minutes)
- the efficiency of UV-C light in hygiene chamber was tested by accredited laboratory\*
- opening of equipment lid deactivates UV-C function with protection switch

### Function

- function maintaining drying with fan supported heating
- air is warmed up with electrical heating regulation
- a miniature fan forwards warm air into hygiene chamber (approx. 3 hours)
- permanent air circulation makes cumulated condensed water or sweat escape gently and efficiently (blow-dryer principle)
- sensitive electronic components and coatings are protected from extreme exposure and strain

### Multifunctional hygiene chamber

- offers sufficient room for most well-established hearing aids, CI-processors, bone conduction systems, electronic ITE/BTE hearing protection, In-Ear-Monitoring etc.
- semicircle separator in floor area for overall air circulation
- outsize side wall openings favor spreading of UV-C light in hygiene chamber
- modularly insertable stainless steel basket (optionally available) serves as extremely sanitary hygiene chamber for easy disinfection and sterilization – an indispensable must-have, e. g. with ear infections
- apart from wearing times, hearing systems, earmolds etc. may be stored in hygiene chamber

\*The germ-reducing effect of the UV-C light in the cedis e300.DUS sanitization chamber was successfully tested on the micro-organisms "Staphylococcus aureus subsp. Aureus", "Pseudomonas aeruginosa", "Candida albicans" and "Streptococcus mutans" by SGS, Taiwan Ltd.

87493



**User-friendly equipment lid**

- generous notch for easy opening of equipment lid
- lid closes with magnetic lock
- practical cosmetic mirror at inside of lid as visual support for insertion or removal of hearing systems, earmolds etc.

**Intuitive handling****Fully automated process**

- touch-sensitive switch-on sensor
- automatic switch-off after program end (after 3 hours)
- three light emitting diodes (LED) signalize UV-C function (blue) and drying (green)
- light emitting diodes switch off successively and signalize remaining operating time
- an active control of heater/fan and the reliable overheating protection contribute to operating safety; in case of failure equipment switches off with visual error display

**Flexible power supply**

- power supply with provided mains adapter
- function with provided USB-mini-cable/USB-cable at computer USB connection

UV-C wave length: 253.7 nm (ozone-free)

Power supply: input AC 100-240 V ~ 50/60 Hz; output DC 5 V, 1000 mA

Work environment: 10°C to 40°C; maximum 80% relative humidity

Temperature range: at 45°C ± 5°C

Outer dimensions: W 128 x D 86 x H 35 mm

Inside dimensions chamber: W 77 x D 55 x H 19 mm

Weight: 220 g

LED display: light emitting diode with color change

Accessories:

**Stainless steel basket**

**874932**

**Power supply unit (EU version) incl. USB-Wire**

**874958**

**Complete Set cedis e300.DUS –**

**87494**

**Electrical Hygiene Station including stainless steel basket**

**Starting from only 50 units with your good name**

- logo print (lid) possible starting from an order quantity of only 50 units
- in case of interest in a custom color for the housing we will gladly advise you on the current conditions

### cedis Cleaning and Drying Set for Slim Tubes and Open Fit Hearing Systems eSET11

Open fit hearing systems require special cleaning and drying products. To this end, cedis also offers the best solution:

The comprehensive care set, packed in an attractive transparent bag, for the cleaning and drying of open fit hearing aids. Suitable for all kinds of established slim tubes!

With the special hygiene threads your slim tubes will be dried effectively. Before this step, the cleansing tablets with active oxygen will provide an optimum cleaning. Drying capsules (with color indicator) and the drying container for the drying of hearing aids complete the set.

#### *Contents:*

8 cleansing tablets eC5.3, 1 cleaning container eC5.11 with sieve, 10 hygiene threads eT3.3 for slim tubes with  $\emptyset \leq 0.9$  mm, 4 drying capsules eD2.3, 1 drying container eD2.11



Cleaning of open fittings made easy

87416



### cedis Cleaning Set eSET3 for BTE Earmolds

The bestseller providing the basic equipment for the cleaning of BTE earmolds! This cleaning set guarantees an optimum cleaning, using the special cleansing tablets with active oxygen. The air blower (with metal tip) cleans the sound tube effectively.

#### *Contents:*

8 cleansing tablets eC5.3  
1 cleaning container eC5.11 with sieve  
1 air blower eT2.3

### cedis Cleaning Set eSET3 for BTE Earmolds in Travel Bag

87000



87001



### cedis Cleaning and Drying Set eSET5 for BTE Earmolds and Hearing Systems

The all-rounder for cleaning BTE earmolds and drying hearing systems! Composition same as BTE cleaning set plus drying capsules (with color indicator) and drying container for the reliable drying of hearing systems over night.

*Contents:* 8 cleansing tablets eC5.3, 1 cleaning container eC5.11 with sieve, 1 air blower eT2.3, 4 drying capsules eD2.3, 1 drying container eD2.11

87400



### cedis Cleaning and Drying Set eSET5 for BTE Earmolds and Hearing Systems in Travel Bag

87401



### cedis Drying Set eSET2.3

The established drying capsules (with color indicator) for the reliable and optimum drying of hearing systems over night with drying bag.

*Contents:*

4 Drying capsules eD2

1 Drying bag eD2.14

87340



### cedis Drying Set eSET2.5

The established drying capsules (with color indicator) for the reliable and optimum drying of hearing systems over night with drying container.

*Contents:*

2 Drying capsules eD2

1 Drying container eD2.11

87344



**cedis Cleaning and Drying Set eSET7 for ITE with Spray**

The complete set for the cleaning and drying of ITE hearing systems!  
Set with disinfectant spray with brush for a great cleaning even with persistent deposits. Includes drying capsules (with color indicator) and drying container for the reliable drying of hearing systems over night.

Contents:

- 1 disinfectant spray eC3.7 (30 ml) with brush
- 4 drying capsules eD2.3
- 1 drying container eD2.11

**87002****cedis Cleaning and Drying Set eSET7 for ITE with Spray in a Travel Bag****87003****cedis Cleaning and Drying Set eSET9 for ITE with Wipe**

The all-in-one set for the cleaning and drying of ITE hearing systems! The set contains disinfectant wipes in a practical pocket dispenser for fast and handy cleaning. Includes drying capsules (with color indicator) and drying container for the reliable drying of hearing systems over night.

Contents:

- 1 wipe dispenser eC2.5 (25 wipes)
- 4 drying capsules eD2.3
- 1 drying container eD2.11

**87004****cedis Cleaning and Drying Set for ITE eSET9 with Wipe in Travel Bag****87007**

**cedis Travel Bag, black**

Practical bag, made of high-quality material, with zipper for filling with hygiene products of your choice. The robust bag is also a practical companion when traveling. We are pleased to assemble the travel bags for you starting at a minimum order quantity of 100 bags.

**87198****Travelbag, black (neutral)****870220**

Sample



Travel bags with hygiene products of your choice

**cedis Drying Capsules eD2**

The established drying capsules (with color indicator) for the reliable and optimum drying of hearing systems over night.

**Box eD2.3** with 4 Drying Capsules

**87300**

And don't forget our matching and handy drying container:

**cedis Drying Container eD2.11**, 150 ml

For the drying of hearing systems with drying capsules.

**87305****cedis Drying Bag eD2.14**

The handy alternative to the drying container, e. g. when traveling!  
Foldable drying bag with hook tape fastener. For use with drying capsules.

140 mm x 98 mm

**80211****cedis Cleansing Tablets eC5**

Cleans reliably and removes persistent cerumen deposits from BTE earmolds. With active oxygen.

**Box eC5.3** with 20 tablets

**87100**

**Economy Pack eC5.5** with 30 tablets in vial

**87130**

And don't forget our matching and handy cleaning container with sieve.



**cedis Cleaning Container eC5.11**, 150 ml

For cleaning BTE earmolds with cedis cleansing tablets. Sieve with integrated removal help!

**Container**, incl. sieve and lid

**80200****cedis Disinfectant Wipes eC2**

Moist wipes for quickly and effectively cleaning and disinfecting (bactericidal, fungicidal and hepatovirucidal effect) hearing systems.  
Reaction time: 1 minute

*For retail sales:*

**Pocket Dispenser eC2.5** with 25 moist wipes

**86801**

**Refill Pack eC2.5.F** for pocket dispenser (25 wipes)

**86804**

**Single Wipes eC2.3**, 25 pieces

**86802**

*For retail sales and sales campaigns:*

**Box with 1000 single cedis disinfectant wipes eC2**

**86805**

For our practical sales counter display please see page 270.

*For use in the laboratory and shop:*

**Large Dispenser eC2.7** with 90 moist wipes

**87200**

**Refill pack eC2.7.F**, 90 pieces

**87204**

**cedis Disinfectant Spray eC3**

Ready-made for cleaning and disinfecting (bactericidal, fungicidal and hepatovirucidal effect) hearing systems.

Reaction time: 1 minute. Propellant-free.

*For retail sales:*

**Disinfectant Spray mini eC3.3**, 8 ml, with microfiber cloth

**86749**



**Disinfectant Spray with Brush eC3.7**, 30 ml

**86701**



**Disinfectant Spray with Atomizer eC3.7**, 30 ml

**86704**



**Disinfectant Spray Refill Bottle eC3.7**, 30 ml

**86703**



*For use in the laboratory and shop:*

**Disinfectant Spray with Atomizer eC3.9**, 100 ml

**86700**



**cedis Hygiene Threads eT3**

Special cleaning threads for sound tubes with different inner diameters, ideal for open fit hearing aids.

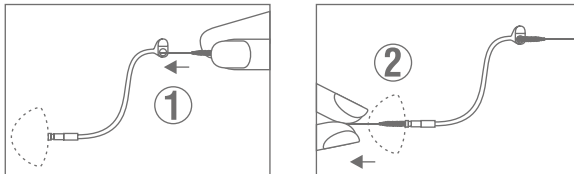
**Hygiene Threads eT3.5** for inner diameter > 0.9 mm

Dispenser box with 30 threads

**Hygiene Threads** for inner diameter ≤ 0.9 mm

**Dispenser Box eT3.7** with 100 pieces

**Bag eT3.3** with 10 pieces

**78030****78036****78039**

Care for open fit hearing aids also available as small package

**cedis MultiTool eT4.3**

Special tool with magnet for easy removal of batteries. The integrated brush and synthetic thread are ideal for removing persistent deposits in slim tubes.

Transparent pillow pack with 5 MultiTools

**78041**

**cedis VentBrush eT3.9**

Special brushes to clean sound canals and vents. Available in two different diameters.

*Contents:* 10 pieces

**Ø 2.5 mm**

**78025**



**Ø 5.0 mm**

**78026**

**cedis Air Blower eT2.3**, blue with chrome-plated metal tip

Ergonomically shaped air blower with very slim chrome-plated metal tip for blowing out sound tubes and vents.

**82400**

**cedis AirPower eT2**

The comfortable alternative to the air blower! Air spray to blow out sound canal bores and ventings. With conical tip for easy handling.

**Spray eT2.5**, 35 ml (for approx. 50 applications)

**82551**



**Box with 12 sprays eT2.5**

**82554**



**Spray eT2.7**, 100 ml (for approx. 150 applications)

**82550**



**Box with 12 sprays eT2.7**

**82552**



**cedis Gel eSC2.3**

Skin care gel with feel-good effect! The gel with Aloe Vera to prevent irritations. The gel is absorbed by the skin and eases insertion of the earmold. For best wearing comfort, use the gel before and after wearing the hearing system.

**Tube** with 5 ml

**31880**



**Sales Display** with 30 tubes

**31883**



A L O E V E R A

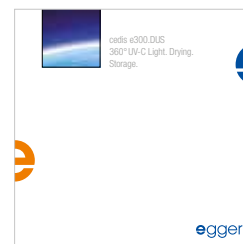
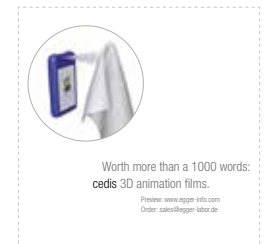
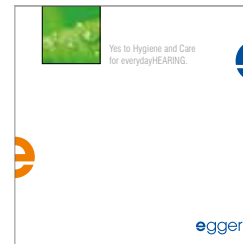
**cedis Promotion Assistance**

In order to support your sales activities, we can supply you with free information brochures for your customers.

- 79923-E (Hygiene and Care for everydayHEARING)
- 7964511 (cedis Flyer)
- 874708 (Flyer e100.DS)
- 79928-E (Flyer e300.DUS)

cedis animations – for use in the waiting area, fitting room, display window, as support material for the instruction for correct handling of hygiene and care products, as an eye.

Just ask for them!



Further presentation products from page 260

## **cedis [my.name]**

Your name as a brand – with your own care range

Brands create confidence and stand for individuality.

Use your good name as a brand name. We make it possible.

You act as competent system supplier.

You distinguish yourself from others.

With an own custom-made care range, that offers everything your customer needs.

With cedis [my.name] you create confidence and lasting customer relations.

### **Attractive**

Attract your customers' attention with your own design with cedis [my.name] and thus create a profitable additional business.

### **Individual**

Your name as a brand – create your own reliable brand.

### **Flexible**

Order the products according to your demand, with a minimum order quantity of only 50 pieces, with short handling time.

**cedis [my.name] Standard:**

The favorably-priced starting program

Minimum order quantity: 50 pieces

Ideal for testing new products

No contractual commitments

No additional charges, but with sliding-scale prices

Attractive design

Packaging with basic information in your desired language

Including satisfaction guarantee

And this is how it works:

- Select products
- Define color
- Send your logo to us

... and there it is: your professional care program with your own name.

For your individual order form, please contact us under: +49 831 5811360

**cedis [my.name] Premium:**

(Nearly) everything is possible.

You need care products in large numbers.

You want a personalized design, adjusted to existing products.

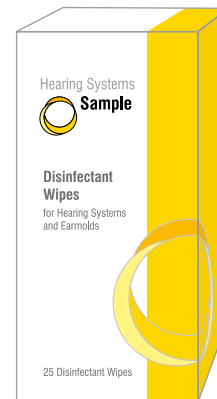
You wish to offer a different box size.

You intend to amplify your product range with products besides standard.

Our offer: **cedis [my.name] Premium**

- Available with 1000 pieces
- Boxes are printed directly in all desired languages
- Free storing of products and packaging
- We will help you with the design

For detailed information, please contact us under: +49 831 5811360



HYGIENE  
AND SAFETY  
AT THE  
WORKPLACE



cedis Profi for professional hygiene management

**HYGIENE AND SAFETY AT THE WORKPLACE**

at the workplace. For the demanding hearing aid

acoustician quality is the highest priority. Directly

linked to this is hygiene at the highest level. A clean,

healthy, germ-free work method is therefore of cen-

tral importance of today's quality management.

Protect yourself and your customer.



cedis Profi products offer a comprehensive and professional disinfection and hygiene program for the entire spectrum of hearing aid acoustics.

## Hygiene – A Must

The risk of contracting dangerous or simply uncomfortable pathogens is increasing, especially for people working in medical or medical-related professions. Hearing aid acousticians are among these groups. The only effective aid against this is professional hygiene, i. e.: Infection prevention. Thus it is necessary to be able to recognize and correctly assess the dangers of infection. Efficient prevention is subsequently guaranteed by adhering to

- organizational measures,
- cleaning,
- disinfecting.

### PREVENTIVE – EFFECTIVE – SAFE

#### Preparations for Cleaning Hands and Skin

Clean hands are a must for every hearing aid acoustician. Only then a customer will feel comfortable. Only then a transfer of germs can be safely avoided.

Consequent hand hygiene includes:

- removal of all relevant pathogenic germs,
- an optimal skin-compatible cleaning,
- regular care.

#### Preparations for Disinfecting Tools, Instruments and Earmolds









Regularly disinfecting and cleaning all tools, instruments and earmolds used in daily operation is essential. Objects contaminated by dirt, body fat and pathogenic germs may lead at worst to the transfer of dangerous micro-organisms. The consequent use of highly effective preparations protects you and your customer.

#### Preparations for Disinfecting Surfaces

All surfaces of your working environment must be disinfected and cleaned regularly. Only then a germ transfer from the work environment to instruments and ultimately to people can be avoided. Only consequent hygiene in all areas provides comprehensive protection.

## Professional Systematic Hygiene

Hygiene is not reserved for only a special few. All employees must make sure that the entire working environment is kept clean. Our hygiene plan provides clarity about the necessary steps. The plan (size: DIN A3) includes a summary of the different applications and suitable products, free of charge and for hanging in your shop.

What	When	How	Product / Dosage / Exposure Time
Hands 	before/after each customer or hearing aid contact  when necessary / after finishing work	Removing of relevant pathogenic germs by rubbing with antimicrobial gel. Also for use without water and towel.  Rub in for skin care.	cedis Profi ANTISEPT Rub 3 ml for 30 seconds  cedis Profi CARE
Hearing Aid 	before/after each service	Spray with cleaning disinfectant, then dry thoroughly with a moisture absorbing cloth after exposure time.  Wipe with cleaning disinfectant, then dry thoroughly with a moisture absorbing cloth after exposure time.	cedis disinfectant spray 1 minute exposure time  cedis disinfectant wipes 1 minute exposure time
Earmold 	before/after each service	Disinfecting or cleaning in the immersion- or ultrasonic bath, then dry thoroughly with a moisture absorbing cloth after exposure time.	cedis Profi UltraActiv 7.5% / 1 minute exposure time
Impression 	after impression taking	Wipe with cleaning disinfectant, then dry thoroughly with a moisture absorbing cloth after exposure time.	cedis disinfectant wipes 1 minute exposure time
Tools / Medical Instruments 	after each application	Spray with cleaning disinfectant, then dry thoroughly with a moisture absorbing cloth after exposure time.  Wipe with cleaning disinfectant, then dry thoroughly with a moisture absorbing cloth after exposure time.  Disinfecting or cleaning in the immersion- or ultrasonic bath, then dry thoroughly with a moisture absorbing cloth after exposure time.	cedis disinfectant spray 1 minute exposure time  cedis disinfectant wipes 1 minute exposure time  cedis Profi UltraActiv 7.5% / 1 minute exposure time
Workplace / Medical Devices 	on visible contamination / after finishing work	Wipe with cleaning disinfectant, dry off after exposure time.	cedis Profi SURFACE 2 1 minute exposure time
Earphones 	after each application	Wipe with cleaning disinfectant, then dry thoroughly with a moisture absorbing cloth after exposure time.	cedis disinfectant wipes 1 minute exposure time
Otoscope Funnel 	after each application	Disinfecting or cleaning in the immersion- or ultrasonic bath, then dry thoroughly with a moisture absorbing cloth after exposure time.	cedis Profi UltraActiv 7.5% / 1 minute exposure time

With the egger hygiene plan you will find everything you need to know at a glance:

- What do I need to do?
- Which product do I need to use?
- How do I use it?

The products are easy to use due to a perfectly matching system.

cedis Profi offers

- everything from one source,
- sliding-scale prices,
- favorably-priced starter sets.

Examined and tested. For your safety.

**cedis Profi Starter Kits**

Be on the safe side from the very beginning! Favorably-priced complete packages of cedis Profi products for a professional hygiene management at work.

**cedis Profi Starter Kit Slim****862502****Contents:**

cedis Profi ANTISEPT, 500 ml with portioning pump  
 cedis Profi CARE, 500 ml with portioning pump  
 cedis Profi SURFACE 2, 500 ml in spray bottle  
 cedis Profi UltraActiv, 500 ml with portioning pump  
 50 ml glass for ultrasonic device, 10 pieces  
 100 ml measuring beaker

**cedis Profi Starter Kit Advanced****862512**

Same composition as Starter Kit Slim, yet with practical wall-mounted dispenser for cedis Profi ANTISEPT.



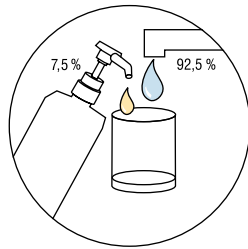
All beginnings are easy

**cedis Profi UltraActiv**

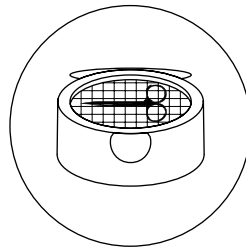
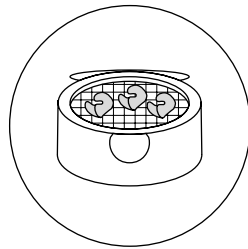
Concentrate for disinfecting and cleaning earmolds and instruments, free of phenol and aldehyde, effective against bacteria, fungi, HBV and HIV viruses. For use in ultrasonic devices. The 7.5% solution (75 ml/1000 ml) is fully effective after a 1-minute reaction time.

**500 ml Bottle with Portioning Pump**  
**2 l Bottle**

**86208**  
**862081**



25 pump strokes (1 stroke = 3 ml)  
for a total of 1000 ml.

**cedis Profi Cleaner**

**86770**

Ready-made spray for cleaning and disinfection (bactericidal, fungicidal and hepatovirucidal) of hearing aids and earmolds - in the handy one liter bottle with hand spray pump, propellant-free. Reaction time: 1 minute.

**1 liter bottle with hand spray pump**



For ultrasonic cleaning devices, please see page 247.

**cedis Profi ANTISEPT**

Gel for sanitizing hands. Effective against bacteria and fungi. Mild, alcohol-based gel with fast reaction time (30 sec.) No water or towel needed.

**500 ml Bottle with Portioning Pump** (3 ml/stroke)

**86206**

**cedis Profi ANTISEPT Wall Dispenser**

Practical, wall-mounted dispenser with refillable, 250 ml glass container (gel not included) for cedis Profi ANTISEPT. Pump stroke adjustable from 1 - 5 ml.

**862062**

**500 ml Refill Bottle**

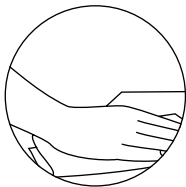
**862061**



**cedis Profi CARE**, 500 ml, bottle with portioning pump  
Lotion for the cosmetic hand and skin care. Apply after using cedis Profi ANTISEPT. Lotion absorbs quickly, is non-greasy and smells pleasantly.

**86207**

**cedis Profi SURFACE 2**  
Ready-to-use disinfectant for small areas and equipment in doctor's offices, retirement homes and clinics. Reaction time: 1 minute. Effective against bacteria, viruses (HBV/ HIV) and fungi (Candida albicans).

**86214****500 ml bottle**

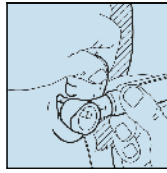
IMPRES  
SIONTEC  
HNIQUE



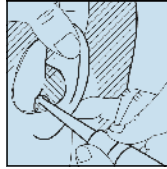
A precise ear impression is the prerequisite for  
**IMPRESSION TECHNIQUE**  
a perfectly fitting earmold. The higher the quality  
of the impression material and suitable special  
tools, the easier, more comfortable and more  
successful the impression-taking process for the  
customer. egger impression technique offers all  
the suitable necessities: the tools, the material.  
For every step of the process.

## Description of Process

The following diagram is to provide an overview of the impression-taking process – the basis for a perfectly designed earmold.



**Examining the ear**  
Irregularities in the ear or auditory canal area can be detected with the otoscope. (Otoscopies from pages 113-121)

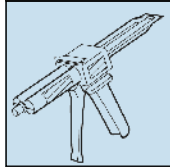


**Preparing the ear**

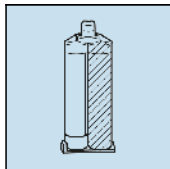
- depilating the auditory canal area
- creaming the auditory canal area if necessary
- inserting the impression pad

### Automix Cartridge System

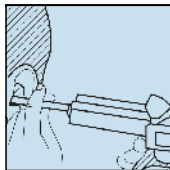
(from pages 99 - 101)



Impression taking with inject pistol



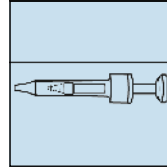
**Cartridge**  
No mixing or dosing necessary



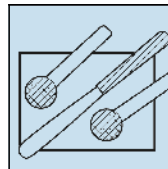
Impression taking  
Please take care that the inject pistol is safely supported

### Kneadable Impression Materials Manual mixing

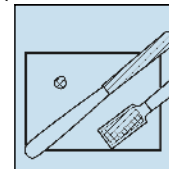
(from pages 105 - 109)



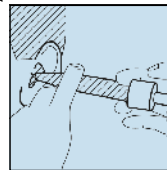
Impression taking with impression syringe



Mixing with A-type silicones to a ratio of 1:1

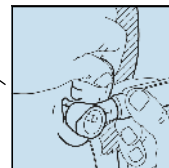
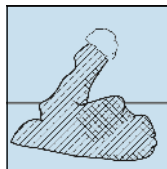


Mixing with C-type silicones to a ratio of 25:1



Impression taking  
Please take care that the impression syringe is safely supported

**Demolding**  
The impression length should also show the second bend of the auditory canal part. Every area of the impression should be reproduced accurately.



**Check**  
A gentle impression taking is the result of using egger impression materials. The final check with the otoscope is still necessary.

## The egger Impression Materials



























Material characteristics, the impression-taking method and, last but not least, personal preferences influence the procedure of impressing an ear. We are pleased to advise and support you in finding an individualized solution for your demands. Choose the right impression material.

We provide you the opportunities to decide on:

- 1. The type of processing:**
  - with the impression syringe or the injection pistol
- 2. The dosage:**

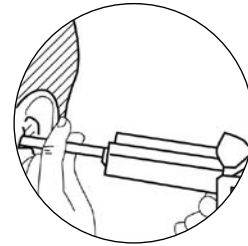
(kneadable materials only)

  - addition-vulcanizing egger impression materials with a mixing ratio of 1 : 1
  - condensation-vulcanizing egger impression materials with hardening pastes
- 3. The flowability:**
  - the lower the viscosity the higher the flowability
- 4. The final degree of hardness:**
  - the higher the shore value the harder the impression, measured after 1 hour of hardening

Material	Colors	Smoothness Consistency	Flowability low – high	Final degree of hardness in shore A after 1 h	Impression taking with			
					Inject pistol 2in1	Inject pistol	Injector S/II 50	Electric injector
<b>Addition-vulcanizing (1 : 1), material in cartridges Impression taking with inject pistol / Injector S 50</b>								
egger A/soft egger A/soft S 50 	○ ●	soft		35	X	X		X
egger A/ITE egger A/ITE S 50 	○ ●	very soft		34	X	X		X
egger A/II S 50 	● ●	normal		40	X		X	X
egger A/rapidPRO S 50 	○ ●	soft		38	X		X	X
<b>Addition-vulcanizing (1 : 1), kneadable Impression taking with impression syringe</b>					<b>Impression taking with syringe</b>			
egger A 	○ ●	normal		36				
egger A/I 	○ ●	very soft		26				
egger A/II 	○ ●	soft		40				
<b>Condensation-vulcanizing with hardener, kneadable Impression with impression syringe</b>					<b>Impression taking with syringe</b>			
egger C 	●	normal		40				
egger C/I.2 	○	soft		23				
egger C/II 	●	very soft		25				

## Addition-Vulcanizing Impression Materials in Automix Cartridge System

The Automix cartridge system offers a safe, hygienic and mess-free application method because manual mixing is no longer necessary. With this system you will more easily fulfill the workplace hygiene regulations that have become legally binding in many countries. Another advantage is the fact that the material is always ready for use, thus enabling you to always concentrate on your customer. egger can offer you four different types of impression materials in the cartridge systems



**standard**  and/or **S 50** 

### egger A/soft

Silicone impression material in double cartridges with an extremely easy flow and a high degree of form stability, non-sticky and smooth. Consisting of 2 components: white and blue.

**Packaging unit:** 8 double cartridges with 2 x 25 ml each,  
sufficient for approx. 40 impressions

Please note our sliding-scale prices!

**Final degree of hardness:** 35 shore A

in standard cartridge 

**20600**

in S 50 cartridge 

**20617**



### egger A/rapidPRO S 50

Silicone impression material in double cartridges with an extremely short setting time, easy flow and a high degree of form stability, non-sticky and smooth. Consisting of 2 components: white and orange.

**Packaging unit:** 8 double cartridges with 2 x 25 ml each,  
sufficient for approx. 40 impressions

Please note our sliding-scale prices!

**Final degree of hardness:** 38 shore A

in S 50 cartridge 

**20629**



**egger A/ITE**

Silicone impression material in double cartridges with a very soft consistency, an extremely easy flow and a high degree of form stability. Impression taking with minimum pressure possible, especially suited for CIC impressions and those of small ear canals. Consisting of 2 components: white and pink.

*Packaging unit:* 8 double cartridges, each containing 2 x 25 ml, sufficient for approx. 40 impressions

Please note our sliding-scale prices!

*Final degree of hardness:* 34 shore A

in standard cartridge 

**20604**

in S 50 cartridge 

**20608**

**egger A/II S 50**

Silicone impression material in S 50 double cartridges of soft, slightly pressure-forming consistency. Due to its high viscosity, the material is characterized by impression exactitude, tensile strength and form stability. Consisting of 2 components: red and red.

*Packaging unit:* 8 double cartridges with 2 x 25 ml each, sufficient for approx. 40 impressions

Please note our sliding-scale prices!

*Final degree of hardness:* 40 shore A

in S 50 cartridge 

**23707**



**Inject Pistol 2in1**

The shape of the injector was designed under ergonomic aspects and at the same time has obtained an attractive design. Ear impressions are carried out easily with the injector due to an optimum leverage ratio. Even during continuous use, the injector rests well in one's hand and offers excellent results through steady pressure. Due to the standard scope of delivery of two adapters and two pistons, the 1:1 cartridge systems S 50 and standard can be applied using one injector. The modification is simple, no tools needed.

**Contents:**

Injector

Piston S 50, adapter S 50

Piston standard, adapter standard

**25120****Inject Pistol**

For inserting standard double cartridges for impression taking. By using the inject pistol, the impression material (egger A/soft, egger A/ITE) can be delivered to the ear while applying the same steady pressure. Range-reduction spacer for small hands included.

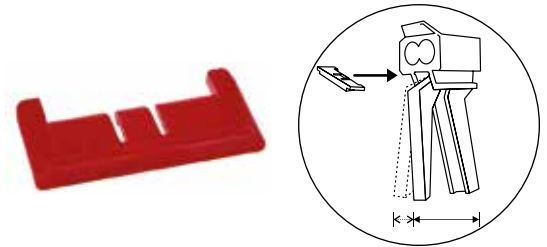
**25100****Injector S/II 50**

The elegant, innovative design characterizes this inject pistol for the use of highly viscous two-component silicone impression material in S 50 double cartridges (i. e. egger A/soft, egger A/rapidPRO, egger A/ITE, egger A/II). The injector S/II 50 enables precise, simple and fatigue-proof use in daily practice in a self-explanatory way.

**25144**

**Spacer for Inject Pistol**

Range-reduction spacer for small hands.

**25156****Mixing Canulas, standard**

Attachment for standard double cartridges for automatic mixing of the impression material.

Inner diameter (tip): 4.8 mm

Diameter (total): 6.75 mm

**50 pieces**  
**100 pieces****61403**  
**61402****Mixing Canulas Slim, 50 pieces**

Mixing canulas with a small diameter for standard double cartridges. Therefore ideally suited for impression taking of small auditory canals (e.g. for a child's fitting). Saves up to 50% of material. No additional attachments necessary. Can also be used for applying silicone cold-curing materials to negative molds during the indirect technique.

Inner diameter (tip): 1.2 mm

Diameter of syringe (total): 4.75 mm

**61420**

**Mixing Canulas S 50** for egger A/soft, egger A/ITE and egger A/rapidPRO S 50

Attachment for double cartridges S 50 for automatic mixing of impression material. Extra short, material-saving.

**yellow**

Inner diameter (tip): 3.65 mm

Diameter (total): 5.7 mm



**40 pieces**

**100 pieces**

**25160**

**25161**

**pink**

Inner diameter (tip): 4.8 mm

Diameter (total): 6.75 mm



**40 pieces**

**100 pieces**

**25151**

**25152**

**Mixing Canulas S 50** for egger A/II

Attachment for double cartridges S 50 for automatic mixing of impression material. Extra short, material-saving.

**green**

Inner diameter (tip): 4.8 mm

Diameter (total): 8.0 mm



**40 pieces**

**100 pieces**

**25154**

**25155**





**Tips for Canulas**, 50 pieces**25200**

Attachment for mixing canula to facilitate the impression taking of very narrow auditory canals. Suitable for the standard mixing canula and S 50 mixing canula (green and pink).

Inner diameter (tip): approx. 1.0 mm  
 Diameter (total): approx. 2.0-3.0 mm  
 Length: 16 mm



**Tips for canulas** (in full) yellow, 100 pieces  
 Suitable for mixing canula S 50 (REF 25160 and REF 25161)

**252002****Kneadable Impression Materials**

The traditional system. After mixing the material beforehand, it is injected with the egger impression syringe with double piston. To this end, egger can offer you addition-vulcanizing materials. Mixing is done in a 1:1 ratio. The materials are basically shrink-proof. Alternatively, you can also decide on a condensation-vulcanizing material. Its base material is mixed with 3% of hardener.

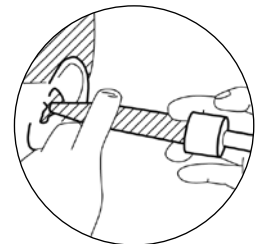
**egger A**

Addition-vulcanizing silicone impression material of slightly pressure-forming consistency, high stability, impression exactitude, tensile strength and form stability. Consisting of 2 components: white and blue.

Final degree of hardness: approx. 36 shore A

**2 x 700 g****23301**

Sufficient for approx. 100 impressions  
 Please note our sliding-scale prices!



**egger A/I**

Addition-vulcanizing silicone impression material with a very soft, slightly pressure-forming consistency and an extremely smooth texture for highly precise and detailed impressions. Consisting of 2 components: white and green.

*Final degree of hardness:* approx. 26 shore A.

**2 x 660 g**

Sufficient for approx. 100 impressions

Please note our sliding-scale prices!

**23100****egger A/II**

Addition-vulcanizing silicone impression material of soft, slightly pressure-forming consistency, high impression exactitude, tensile strength and form stability. Consisting of 2 components: white and red.

*Final degree of hardness:* approx. 40 shore A

**2 x 700 g**

Sufficient for approx. 100 impressions

Please note our sliding-scale prices!

**23700****Measuring Spoon for A-Type Silicones,**

1 pair (Spoons: 1 white, 1 blue)

With a volume of 5 ml each, the spoons are adjusted to the material requirements for most ear impressions.

**23500**

**egger C****20200**

Condensation-vulcanizing silicone impression material incl. hardener with slightly pressure-forming, smooth consistency and an optimum material flowability plus an exact impression precision.

Color: red with blue hardener

Final degree of hardness: approx. 40 shore A

Basis 660 g + hardener 25 g

Sufficient for approx. 60 impressions

Please note our sliding-scale prices!

Hardener also available individually if needed.

**Tube, 25 g**

**22200****egger C/1.2****20519**

Condensation-vulcanizing silicone impression material incl. hardener of slightly pressure-forming, smooth and easy-to-work consistency.

Color: white with blue hardener

Final degree of hardness: approx. 23 shore A

Basis 600 g + hardener 25 g

Sufficient for approx. 60 impressions

Please note our sliding-scale prices!

Hardener also available individually if needed.

**Tube, 25 g**

**22100**

**egger C/II**

Condensation-vulcanizing silicone impression material incl. hardener of slightly pressure-forming, extremely smooth and non-sticky consistency for manufacturing very elastic and tensile ear impressions.

*Color:* yellow with blue hardener

*Final degree of hardness:* approx. 25 shore A

Basis 660 g + hardener 25 g

Sufficient for approx. 55 impressions

Please note our sliding-scale prices!

*Hardener also available individually if needed.*

**Tube, 25 g**

**20500**

**Measuring Spoon for C-Type Silicone** (measuring unit 10 ml)

Volume of 10 ml covers the material requirement for most ear impressions.

**20505**

**egger Impression Syringe**

Double piston impression syringe with transparent cylinder allows even delivery of silicone impression material into the ear, easily refillable. The transparent cylinder makes the injection procedure visible and controllable. Available with the following diameters:

**Ø 3 mm** for small auditory canals + CIC impressions

**Ø 4 mm** standard

**Ø 5 mm** for large auditory canals + highly viscous impression materials

**25503**

**25500**

**25505**

**Spare Cylinder**

**Ø 3 mm**

**Ø 4 mm**

**Ø 5 mm**

**25603**

**25600**

**25605**



**Spare Piston, blue**

**25601**



**egger Impression Syringe**, short version

Ideally suited for small hands. Available with the following diameters:

Ø 3 mm

27440

Ø 4 mm

27450

**Useful Accessories for Impression Taking****Mixing Spatula**

26400

Robust mixing spatula with wooden handle for mixing silicone impression material.

**Mixing Slab**

27600

Synthetic material, 10.5 x 15 cm

**Bayonet Tweezers**

45200

For positioning the impression pad in front of the auditory canal.

**Impression Tweezers**

45630

With round tips for safe positioning of impression pads, with sliding clasp lock mechanism.



**Scissors, round tip**

For removing hairs in the ear.

**45900****Ear Canal Hair Trimmer, electrical**

For safe depilation of the auditory canal area. Battery-operated (type LR6 - 1.5 V batteries included).

**24200****Bite Block**

Supports impression taking of the ear for manufacturing highly sealing ear-molds. In particular when high transmission gain is needed or in cases of acoustic feedback while chewing.

**78021****Clear Former, Impression Film**

Prevents the impression material from flowing out of the ear during impression taking. Ideally suited for low-viscosity impression materials. Comes in smart ear design. For professional and mess-free impression taking. 2 x 10 pieces left (blue) and right (red).

**2 x 10 pieces****2 x 100 pieces****25610****25611****Practice Ear, transparent**

For demonstrating and practicing impression taking.

**left****right****27980****27981**

## Impression Pads

The impression pad protects the eardrum during impression taking. Using the ear light and bayonet tweezers, it is placed in the auditory canal before impressing the ear. Every pad is equipped with a safety thread. The impression pads are available in different sizes, shapes and materials:

### Impression Pads (Elastic Foam)

with safety thread

*Contents:* 100 pieces

#### Conical, pink

Length approx. 1.2 cm

Max. diameter approx. 1.2 cm

**27800**

#### Cylindrical, white

Length approx. 1.0 cm

Max. diameter approx. 1.0 cm

**27804**



### Impression Pads (Cotton)

*Contents:* 50 pieces

#### Small, with blue safety thread

Diameter approx. 0.65 cm

**27813**

#### Medium, with white safety thread

Diameter approx. 0.75 cm

**27814**

#### Large, with red safety thread

Diameter approx. 0.85 cm

**27815**



**Impression Pads Slim (Elastic Foam)**

Suited especially for CIC impressions, equipped with safety thread.

Contents: 50 pieces

**Small, gray**

Length approx. 0.5 cm

Max. diameter approx. 0.95 cm

**27810****Medium, white**

Length ca. 0.5 cm

Max. diameter approx. 1.1 cm

**27811****Large, blue**

Length ca. 0.5 cm

Max. diameter approx. 1.25 cm

**27812****Vented Impression Pads (Elastic Foam)**

The safety thread of these pads is a tube so that air can pass through to the auditory canal during impression taking. Pressure differences are compensated and impressing the ear becomes much more comfortable for the customer. We can also offer you a matching ear light (REF 26612) with a special positioning tip for attaching the pad and then placing it deeply in the auditory canal without difficulties.

**Small, 24 pieces**

Length approx. 0.6 cm

Max. diameter approx. 0.6 cm

**27820****Medium, 24 pieces**

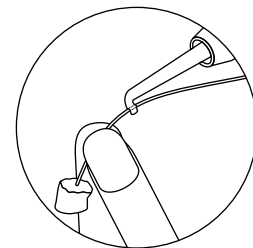
Length approx. 0.8 cm

Max. diameter approx. 1.0 cm

**27821****Large, 16 pieces**

Length approx. 0.7 cm

Max. diameter approx. 1.2 cm

**27822**



**MiiS EOC 100 – The Video Otoscope Worth Seeing**

No matter where this ergonomically designed, only 200 g weighing handheld device appears, a glance at the auditory canal will be an experience worth seeing. With its integrated 2.7" TFT LCD color screen and up to 4 hour battery operation, make the video otoscope a portable and convenient device to use. In the fitting room, service area, during home visits, at health exhibitions, etc. With light illumination of the viewing area in natural white and with adjustable brightness, the high-quality camera (HD 1440 x 1080 image resolution) provides a fascinating view into the auditory canal or onto the eardrum. The manual fine focus takes high-resolution still images or videos and saves them at the touch of a button on the integrated 8 GB SD card or via USB cable, e. g. can be transferred to a PC. A video output allows optional reproduction onto an external screen by cable (parallel operation possible).

***Scope of delivery:***

Li-Ion rechargeable battery (exchangeable), disposable funnels (8 pieces 4 mm, 8 pieces 5 mm), power adapter, USB cable, video cable, high-quality box

***Spare parts for MiiS EOC 100 video otoscope:***

**Disposable funnels ADULT** (8 pieces) for video otoscope

**Disposable funnels CHILD** (8 pieces) for video otoscope

**26636****266361****266362**

## Set LuxaScope Auris LED Otoscope 2.5V (battery operation) + LED Ear Light

Cost-effective set incl. LED otoscope with batteries and LED ear light

### Otoscope

- dimmable (!) LED otoscope in pocket size
- LED ring with 6 LEDs (concentric)
- unrestricted field of vision; pivoting 3-fold magnifying glass with locking function
- automatic switch-off after 3 minutes
- long-life LEDs, approx. 100,000 h (by constant current operation)
- intensity of illumination approx. 10,000 Lux
- color temperature approx. 4,000 K
- electronic ON/OFF push-button switch with dimming function
- two-component handle (aluminium/fibre-glass reinforced)
- insufflation port for pneumatic test
- incl. 20 disposable ear funnels, gray, each 10 x 2.5 mm and 10 x 4.0 mm
- power supply 2.5V with 2 x AAA Alkaline batteries, inclusive

### Ear Light

- acrylic tip to position impression pad in auditory canal
- bright, long-life LED, approx. 100,000 h
- power supply with 2 exchangeable dry-cell batteries, inclusive

**white, egger-edition**

**26011**



EGGER  
EDITION

### Set LuxaScope Auris LED otoscope KIDS 2.5 V (battery operation) + LED ear light KIDS

Cost-effective set incl. LED otoscope with batteries and LED ear light

#### Otoscope

- dimmable (!) LED otoscope in pocket size
- LED ring with 6 LEDs (concentric)
- unrestricted field of vision; pivoting 3-fold magnifying glass with locking function
- automatic switch-off after 3 minutes
- long-life LEDs, approx. 100,000 h (by constant current operation)
- intensity of illumination approx. 10,000 Lux
- color temperature approx. 4,000 K
- electronic ON/OFF push-button switch with dimming function
- two-component handle (aluminium/fibre-glass reinforced)
- insufflation port for pneumatic test
- incl. 20 disposable ear funnels, grey, each 10 x 2.5 mm and 10 x 4.0 mm
- power supply 2.5 V with 2 x AAA Alkaline batteries, inclusive

#### Ear Light

- acrylic tip to position impression pad in auditory canal
- bright, long-life LED, approx. 100,000 h
- power supply with 2 exchangeable dry-cell batteries, inclusive

**white, egger-edition**

**26031**



EGGE  
REDI  
TION**Set LuxaScope Auris LED Otoscope 3.7V  
(recharger with USB plug) + LED Ear Light**

Set incl. LED otoscope with accumulator, LED ear light and attractive case

**Otoscope**

- dimmable (!) LED otoscope in pocket size
- LED ring with 6 LEDs (concentric)
- unrestricted field of vision; pivoting 3-fold magnifying glass with locking function
- automatic switch-off after 3 minutes
- long-life LEDs, approx. 100,000 h (by constant current operation)
- intensity of illumination approx. 10,000 Lux
- color temperature approx. 4,000 K
- electronic ON/OFF push-button switch with dimming function
- two-component handle (aluminium/fibre-glass reinforced)
- insufflation port for pneumatic test
- incl. 20 disposable ear funnels, gray, each 10 x 2.5 mm and 10 x 4.0 mm
- power supply 3.7V with 1 lithium-ion rechargeable battery, inclusive
- recharger with USB plug (adapter EU/UK/US), inclusive

**Ear Light**

- acrylic tip to position impression pad in auditory canal
- bright, long-life LED, approx. 100,000 h
- power supply with 2 exchangeable dry-cell batteries, inclusive

**white, egger-edition****26021****LuxaScope Auris LED Otoscope (battery operation)**

- dimmable (!) LED otoscope in pocket size
- LED ring with 6 LEDs (concentric)
- unrestricted field of vision; pivoting 3-fold magnifying glass with locking function
- automatic switch-off after 3 minutes
- long-life LEDs, approx. 100,000 h (by constant current operation)
- intensity of illumination approx. 10,000 Lux
- color temperature approx. 4,000 K
- electronic ON/OFF push-button switch with dimming function
- two-component handle (aluminium/fibre-glass reinforced)
- insufflation port for pneumatic test
- incl. 20 disposable ear funnels, gray, each 10 x 2.5 mm and 10 x 4.0 mm
- power supply 2.5V with 2 x AAA Alkaline batteries, inclusive

**white, egger-edition****26010**EGGE  
REDI  
TION

**LuxaScope Auris LED Otoscope 3.7V (recharger with USB plug)**

- dimmable (!) LED otoscope in pocket size
- LED ring with 6 LEDs (concentric)
- unrestricted field of vision; pivoting 3-fold magnifying glass with locking function
- automatic switch-off after 3 minutes
- long-life LEDs, approx. 100,000 h (by constant current operation)
- intensity of illumination approx. 10,000 Lux
- color temperature approx. 4,000 K
- electronic ON/OFF push-button switch with dimming function
- two-component handle (aluminium/fibre-glass reinforced)
- insufflation port for pneumatic test
- incl. 20 disposable ear funnels, gray, each 10 x 2.5 mm and 10 x 4.0 mm
- power supply 3.7 V with 1 lithium-ion rechargeable battery, inclusive
- recharger with USB plug including adapter for EU/UK/US

**white, egger-edition****26020**EGGE  
REDI  
TION**LED Ear Light with Acrylic Tip**

- acrylic tip to position impression pad in auditory canal
- bright, long-life LED, approx. 100,000 h
- power supply with 2 exchangeable dry-cell batteries, inclusive

**white, egger-edition****26560**EGGE  
REDI  
TION**LED Otoscope Head**

for 2.5V und 3.7V LuxaScope Auris otoscopes

**white, egger-edition****26019**EGGE  
REDI  
TION

**LuxaScope Auris LED Otoscope KIDS (battery operation)**

- dimmable (!) LED otoscope in pocket size
- LED ring with 6 LEDs (concentric)
- unrestricted field of vision; pivoting 3-fold magnifying glass with locking function
- automatic switch-off after 3 minutes
- long-life LEDs, approx. 100,000 h (by constant current operation)
- intensity of illumination approx. 10,000 Lux
- color temperature approx. 4,000 K
- electronic ON/OFF push-button switch with dimming function
- two-component handle (aluminium/fibre-glass reinforced)
- insufflation port for pneumatic test
- incl. 20 disposable ear funnels, grey, each 10 x 2.5 mm and 10 x 4.0 mm
- power supply 2.5 V with 2 x AAA Alkaline batteries, inclusive

**white, egger-edition****26030****LED Ear light KIDS with acrylic tip**

- acrylic tip to position impression pad in auditory canal
- bright, long-life LED, approx. 100,000 h
- power supply with 2 exchangeable dry-cell batteries, inclusive

**white, egger-edition****26565**

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**Otoscope Handle**  
for LuxaScope Auris LED 2.5 V, white

**26018**



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**Otoscope Handle incl. Li-Ion Rechargeable Battery**  
for LuxaScope Auris LED 3.7 V, white

**26028**



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**Acrylic Tip for Luxamed Ear Light**  
also suitable for Heine

**26918**



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**Acrylic Tip with Scale for Luxamed Ear Light**  
also suitable for Heine

**26919**



**Heine Mini 3000 NT Set****26626**

Complete set including FO otoscope, ear light and charging station.

**Otoscope**

- modern design, compact, durable, chrome head
- bright, focused light
- innovative XHL-lamp (Xenon halogen lenses)
- pivotable, viewing window with 3 x magnification
- attachment clip with integrated on/off switch
- long-life rechargeable battery
- high-quality, ergonomically shaped handle casing
- shockproof, non-slip handle casing made of chrome-finish and refined plastic
- includes 5 disposable funnels with a diameter of 2.5 and 4 mm each and a set of reusable funnels (2.4 / 3.0 / 4.0 / 5.0 mm)

**Ear light**

- modern design, sturdy
- innovative Xenon halogen light technology
- long-life charging battery
- bright, focused light
- includes acrylic tip for placing the impression pad in the auditory canal

**Charging station**

- modern design, compact, innovative, stable, space-saving
- two independent charging compartments make possible simultaneously charging of two mini handles
- fast charge feature: only 4 hours of charging time
- cannot be overcharged, as charger switches off automatically when the battery is fully charged
- charge status display confirms the charging mode
- power supply unit: AC 100–240 V – DC 5 V

**Spare parts:****Spare bulb XHL xenon halogen****266080**

for Heine mini 3000 otoscope with fiber optic (F.O.)



XHL #105

**Spare bulb XHL xenon halogen****26629**

for Heine mini 3000 clip lamp



XHL #107

**Spare battery****26626-2**

for Heine Mini 3000 NT





### Heine Mini 3000 Otoscopes

Robust and durable pocket light of a compact and up-to-date design with a chrome-plated cap. Delivers bright, concentrated light due to a new XHL (Xenon halogen Lenses) lamp. Pivotal viewing window with 3X magnification. Comes with holder clip and integrated on/off button. The high-quality, ergonomically shaped handle casing, made of chrome alloy and enhanced plastic, is characterized by its impact resistance, sturdiness and non-slip surface. Interchangeable dry, AA batteries included.

Comes with 4 reusable funnels (of 2.4 / 3.0 / 4.0 / 5.0 mm) and 5 disposable funnels with a diameter of 2.5 and 4 mm respectively.

**black** 26602  
**blue** 26603

**with Hard Shell Case**  
**black** 26606  
**blue** 26607



**Direct illumination  
with XHL lamp**



### Spare Parts for Heine Mini Otoscopes

*for Heine mini 3000*

**Otoscope Attachment**  
 black 26613  
 blue 26614

**Screw-On Top**  
 black 26615  
 blue 26616

**Spare Bulb** XHL Xenon Halogen 26608



XHL #110

for Heine Mini 2000:

(also available in the colors: blue and green)

**Screw-On Top**

black

**26701****Spare Bulb** halogen**27300****Screw-On Top** for rechargeable handle**26618****Spare Rechargeable Battery** 2.5 V \***27001**

XHL #056

\* This spare battery can be used for the Heine mini 2000  
and also for the Heine mini 3000.

**Stand for Heine Otoscope / Ear Light****26625**

Tidy and always at one's fingertips. With included inserts for use with  
various Heine otoscopes.

Otoscope not included

**Reusable Funnels, black**

Suitable for Heine otoscopes (mini 2000 and 3000), KaWe otoscopes  
(Piccolight® C and Piccolight® F.O. LED) and LuxaScope Auris.

Set incl. 4 funnels with a diameter of 2.4 / 3.0 / 4.0 / 5.0 mm

**28000**Singles:**Ø 2.4 mm****28001****Ø 3.0 mm****28002****Ø 4.0 mm****28003****Ø 5.0 mm****28004**

**Disposable Funnel, gray**

Suitable for Heine otoscopes (mini 2000 and 3000), KaWe otoscopes (Piccolight® C and Piccolight® F.O. LED) and LuxaScope Auris.

*Contents:* 50 pieces

Ø 2.5 mm

Ø 4.0 mm

27100

27101

**Disposable Funnel Dispenser**

27102

A new tip for every customer. The right size, visible and easy to take out. Holds four rows with 45 pieces each. Every dispenser is equipped with 45 funnels of 2.5 mm and 4.0 mm in diameter respectively.

*Dimensions:* H 20 x W 14 x D 4 cm

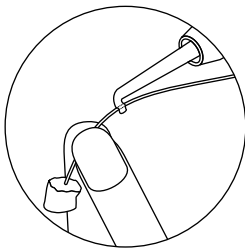


**Heine Ear Light with Acrylic Tip**

For placing the impression pad in the auditory canal. With Xenon Halogen Technology. Robust, durable lamp with a bright, concentrated light thanks to the lens-lamp. Battery-operated (interchangeable dry cell-type, AAA batteries are included).

**black****26610****blue****26621****Ear Light for Vented Ear Impression Taking**

For placing a vented impression pad in the auditory canal. The vent tube from the impression pad is inserted into the special positioning tip and can then be placed far down in the auditory canal without any difficulties. With Xenon Halogen Technology. Robust, durable lamp with a bright, concentrated light thanks to the lens-lamp. Battery-operated (interchangeable dry cell-type, AAA batteries are included).

**black****26612****blue****26622**

**Spare Parts and Accessories for Heine and Luxamed Ear Lights**

*for new model:*

<b>Acrylic Tip</b>	<b>26918</b>
<b>Acrylic Tip</b> for vented impression taking	<b>26916</b>
<b>Acrylic Tip</b> with scale	<b>26919</b>
<b>Spare Bulb</b> XHL Xenon Halogen (mini C)	<b>26601</b>



*available for predecessor model (until fall 2007):*

<b>Spare Bulb</b> halogen (mini 2000)	<b>26600</b>
<b>Acrylic Tip</b> for ear light (mini 2000)	<b>26901</b>
<b>Acrylic Tip</b> for vented impression taking (mini 2000)	<b>26909</b>



*Spare parts and accessories:*

<b>Spare Bulb</b> 2.5 V halogen for FO-otoscope (alpha, mini 2000)	<b>27400</b>
<b>Spare Bulb</b> 2.5 V halogen for ear light (mini 2000)	<b>26600</b>
<b>Acrylic Tip</b> for ear light (alpha)	<b>26912</b>



HEARINGAID  
ACCESSORI  
ESSERVICEA  
NDREPAIRS

Practical, useful, safe – here you will find everything **HEARING AID ACCESSORIES / SERVICE AND REPAIRS** to make life easier. The smart supplement for your high-quality hearing aid program. Professional service creates satisfied customers. Exact executed repairs on hearing aids and earmolds increase the competence of the hearing aid acoustician. Tried-and-true auxiliary materials and tools enable you to execute repairs and provide service competently and quickly. This facilitates your day-to-day operations. This strengthens customer relations.

## Practical and Useful Accessories

Anything and everything of use for your customer having to do with hearing aids and hearing protection. A great range of accessories helps make daily life easier for wearers. This strengthens the relationship between customer and hearing aid specialist.

### Hucki-Holder

Easy and practical solution for holding the BTE hearing aid in place behind the ear and protecting it from falling down. The holding tube can be individually adjusted to the size of the ear.

#### Hucki-Holder

pink-transparent (1 piece)  
flesh-colored (1 piece)

**97500****97502**

#### Hucki-Tube

pink-transparent (50 cm)  
flesh-colored (50 cm)

**97508****97506**









**Hucki-Connecting Tips**, 10 pieces

**97509**



**Ear Gear Protective Sleeves, 1 pair**

Ear Gear protective sleeves are effective protectors against dirt and moisture, made for sensitive BTE hearing aids. The double-lined nylon/spandex material is very flexible and washable. Ear Gear protective sleeves are pulled over the BTE hearing aids – no tools necessary; they will prove effective immediately and their use will not negatively influence the BTE hearing aid.

	<b>Ear Gear Micro cordless</b> up to approx. 25 mm	<b>Ear Gear Mini cordless</b> 25 to 32 mm	<b>Ear Gear Original cordless</b> 32 to 51 mm
 beige	<b>97322</b>	<b>97310</b>	<b>97318</b>
 gray	<b>97323</b>	<b>97311</b>	<b>97319</b>
 chocolate-brown	<b>97324</b>	<b>97312</b>	<b>97320</b>
 black	<b>97325</b>	<b>97313</b>	<b>97321</b>
 pink	<b>97326</b>	<b>97306</b>	<b>97336</b>
 blue	<b>97327</b>	<b>97307</b>	<b>97337</b>
 orange/red	<b>97328</b>	<b>97308</b>	<b>97338</b>
 camouflage	<b>97329</b>	<b>97309</b>	<b>97339</b>



## Service Station

### eWA.X3

Developed in cooperation with hearing aid acousticians, the eWA.X3 is indispensable after only a short time when deposits (i. e. cerumen) or moisture are difficult to access and when they block sound's way. The device is useful for many applications: from receiver and microphone openings to sound tubes and slim tubes to cerumen protection sieves to additional bore holes, etc. To ensure safe, effective and gentle application, the integrated suction and air-blowing function has undergone intensive testing and has been perfectly matched to the everyday life at the service workplace. The perceptibly low noise level is the result of a careful selection of components, thought-out construction and a particular installation of the high-performance pump. With an agreeable casing and a discreet color, the eWA.X3 can be placed confidently in the customer's field of vision. Craftsmanship can be this elegant – in the acoustician's shop, during home visits or at your exhibition booth.

- elegant design and space-saving
- simple, intuitive operation
- moderate operating noise
- suction function, e.g. against dirt deposits in receiver/microphone opening
- air blowing function, e.g. against moisture build-up in the sound tube/slim tube
- pressure gauge as indicator for the flawless suction performance
- easy to clean, exchangeable special filter for protecting the pump against dirt and moisture
- tips (attachable) with different diameters
- metal casing with high-quality color coating (easy to clean)
- including practical case, e.g. for home visits or events
- universal power supply unit makes transnational use possible

Voltage input: AC 100 - 240 V; ~ 50/60 Hz; 0.7 A Power consumption: 12 W

Fuse: 2 A (sluggish) Dimensions: approx. W 178 x D 153 x H 70 mm

Weight: 2.5 kg Volume: 12 - 15 LPM (liter per minute)

Vacuum: - 70 kPa Overpressure: 150 kPa Temperature range: 0 - 50 °C (0 - 122 °F)

#### Scope of delivery:

eWA.X3, 1 set of tubes, 1 set of attachments (purple, pink, green, orange), 1 sintered filter

#### Spare parts:

**Tube set**

**Attachment set**

**Sintered filter**

**62850**



Sintered filter

**62870**

**62871**

**62872**

## For Competent Hearing Aid Acousticians

Competence – also conveyed through spontaneity. Special tools for hearing aid acousticians make professional service and on-the-spot repairs possible. Thus keeping customers satisfied.

The proven egger service and repair kits are suitable for universal use in the acoustician shop, for home visits and in the laboratory. Services and repairs like

- glazing with anti-bacterial effect
- anti-slip coating
- repairs and modifications of earmolds

can now be done on the spot – quickly and efficiently. So you will increase your independence and offer your customer the best possible service.

### egger Service and Repair Kit Light-Curing Device eLED.LP3 with Turning Motor eTM.B03

*Scope of delivery (The set's contents can also be ordered separately.):*


<b>UV-Curing Unit egger eLED.LP3 *</b>	51350
<b>Turning Motor eTM.B03, battery-operated</b>	89320
<b>LP/H Modeling Paste</b>	
transparent	30800
beige	31000
red	29610
blue	29615
<b>LP/H Lacquer antibac, hard 30 ml, incl. 5 disposable brushes</b>	306230
<b>LP/W Lacquer, soft, 30 ml, incl. 5 disposable brushes</b>	307030
<b>Surface Cleaner, 250 ml with</b>	31600
<b>Hand Spray Pump</b>	86775
<b>LP-Cleaner, 100 ml</b>	31301
<b>Jar, transparent, diameter 50 mm</b>	52800
<b>Modeling Instrument</b>	31215
<b>Nylon Tube as Lacquering Aid</b>	97200
<b>Digital Timer</b>	68601
<b>Uniglue Instant Adhesive</b>	39501
<b>5 Dosing Tips, small (for Uniglue)</b>	39505
<b>5 Dosing Tips, large (for Uniglue)</b>	39504
<b>10 Sound Tubes 2.0 x 3.1 mm, pre-bent</b>	95100

*egger Service and Repair Kit Light-Curing Device eLED.LP3*

*also available with:*

<b>Electrical Turning Motor eTM.PS3, with Plug for Mains Supply *</b> (REF 89330) instead of battery-operated device (REF 89320)	<b>31710</b>
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\* 100–240 V

 Everything for the service expert



31700

**egger Lacquers – The Best Choice for Every Application!****e** Lacquers – Glaze and Protection**UV-Curing Lacquers**

- Ready-to-use one-component lacquers
- Curing complete within 1 - 7 minutes (depending on the light-curing unit used)
- Earmolds can be dipped or brushed
- Post-curing of the soft lacquer in LP-Cleaner bath or under inert gas (N<sub>2</sub>)

	Suitable for earmolds of	Characteristics	Units	REF
LP/H lacquer	<ul style="list-style-type: none"> <li>• <b>hard UV-polymerizate</b></li> <li>• <b>hard acrylic</b></li> </ul>	For a homogeneous, scratch-resistant, transparent surface (glazing) very suitable for rapid manufacturing processes	in aluminum bottle: 30 ml, incl. 5 disposable brushes 100 ml 250 ml 500 ml 1000 ml	306030 30601 30602 30605 30609
LP/H lacquer antibac	<ul style="list-style-type: none"> <li>• <b>hard UV-polymerizate</b></li> <li>• <b>hard acrylic</b></li> </ul>	For a homogeneous, scratch-resistant, transparent surface (glazing), <b>with long-lasting, antibacterial effect</b>	in aluminum bottle: 30 ml, incl. 5 disposable brushes 100 ml 500 ml	306230 30622 30624
LP/W lacquer	<ul style="list-style-type: none"> <li>• <b>hard acrylic</b></li> </ul>	Seals the surface and can be used as adhesive coating	in aluminum bottle: 30 ml, incl. 5 disposable brushes 100 ml 250 ml	307030 30701 30702

## Air-Drying Silicone Lacquers

- Ready-to-use one-component lacquers
- Earmolds/impressions can be dipped or brushed
- Lasting coatings with good adhesion

	Suitable	Characteristics	Units	REF
Lacquer L	<b>for earmolds of silicone (hot- and cold-curing) or as coating for impressions*</b>	High-gloss sealing of the surface with leveling effect. Curing at room temperature within 15–20 minutes. (*Separating effect on impressions – not suitable for negative molds of duplicating silicone.)	in aluminum bottle: 30 ml, incl. 5 disposable brushes 100 ml 250 ml 500 ml 1000 ml	375030 37501 37502 37503 37506
Lacquer L nano	<b>for earmolds of silicone (hot- and cold-curing)</b>	High-gloss sealing of the surface with <b>antibacterial effect</b> due to nano silver. Leveling effect. Curing at room temperature over night or at 80 °C (176 °F) within 20 minutes.	in aluminum bottle: 30 ml, incl. 5 disposable brushes 100 ml 500 ml	375130 37511 37512
Lacquer opaco	Suitable for all types of silicone materials, also for one-component hot vulcanization materials.	Cosmetically high-quality, semi-matt, equalizing surface sealing. Colorless, air-drying or for hot vulcanization. Comfortable flow characteristics, very good adhesion. Leveling effect. Curing at room temperature over night or at 100 °C (212 °F) within 15 minutes.	in aluminum bottle: 100 ml	37527

## Hot-Curing Silicone Lacquer

- Ready-to-use one-component lacquer
- Curing complete within 15 minutes in thermal oven at 110 °C (230 °F)
- Earmolds can be dipped or brushed
- Lasting coatings with very good adhesion

	Suitable for earmolds of	Characteristics	Units	REF
Lacquer H/II	<b>Silicone (hot- and cold-curing)</b>	High-gloss, leveling glazing of the surface	in aluminum bottle: 100 ml 250 ml 500 ml	39400 39403 39402
Lacquer opaco	Suitable for all types of silicone materials, also for one-component hot vulcanization materials.	Cosmetically high-quality, semi-matt, equalizing surface sealing. Colorless, for hot vulcanization or air-drying. Comfortable flow characteristics, very good adhesion. Curing at room temperature over night or at 100 °C (212 °F) within 15 minutes.	in aluminum bottle: 100 ml	37527

**Varnishing Brush**

High-quality varnishing brush for all kinds of lacquering.

**31500****Disposable Brushes, blue****10 pieces****795371****100 pieces****795372****Varnishing Holder Kit for Silicone**

Kit with 1 varnishing holder for up to 10 earmolds and 20 lacquering tubes.

**74622***Also available separately:***Varnishing Holder****74620****Lacquering Tubes, 20 pieces****97110****Varnishing Holder Kit**

To be used in the EL 1 (REF 51100), EL 1 plus N2 (REF 51110) and EL 4 (REF 51205) units.

**51207***Kit consisting of:*

5 magnetic varnishing holders

20 g Erkogum

1 m nylon tube, pre-cut 1.5 x 2.5 mm

**Erkogum, 1 g**

Reusable modeling clay – for fixing earmolds during varnishing operations. Especially recommendable for shells.

**30911**

**Dipping Jars**, impervious to light, with black lid

For collecting reusable UV-curing materials as well as for processing and storing small quantities of lacquer.

**60 ml****31400****120 ml****31401****Surface Cleaner**

For cleaning surfaces and removing dust, grease, etc. before using the modeling pastes or lacquers. Also suitable for cleaning the varnishing brush.

250 ml

**31600**

500 ml

**31603**

1000 ml

**31601****Hand Spray Pump****86732**

For spraying the surface cleaner on surfaces.

**Uniglu**, 10 g**39501**

Cyanoacrylate-based, instant adhesive with especially adjusted flowability for bonding sound tubes, elbows, face-plates, etc. – in combination with primer (REF 39700) especially suitable for silicone earmolds.

Accessories:**Dosing Tip, large**, 1.0 mm ( length: 4,0 cm)**39504****Dosing Tip, small**, 0.5mm (length: 2.0 cm)**39505****Primer for Uniglu**, 10 g**39700**

For the pre-treatment of silicone earmolds (auditory canal drillings); in combination with uniglu (REF 39501), it provides durable bonding of PVC sound tubes and silicone earmolds.



**egger LP Modeling Pastes**

Stable, pasty consistency for repairing earmolds made of acrylic and UV-curing materials, shaping vents for ITE shells or for modifying earmolds. Color-coordinated to the corresponding earmold base material. Tubes with 20 g.

**Hard Modeling Pastes (LP/H)**

transparent	<b>30800</b>
beige	<b>31000</b>
flesh-colored	<b>29800</b>
red	<b>29610</b>
blue	<b>29615</b>



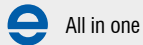
**Stetoclip Kit Premium**

**97030**

The premium composition in a single kit. Stetoclip with elastic earplugs of soft plastic, including listening tube with top. To avoid mix-ups, every stetoclip is equipped with a name tag. *Color:* blue.


*Accessories for Stetoclip Premium:*

<b>Spare plug for Stetoclip Kit Premium, 1 piece</b>	<b>97041</b>
<b>Tube adapter (aluminum) for Stetoclip</b>	<b>97015</b>



**Stetoclip Color**

With hard plastic earplugs, adapter and listening tube.

<b>black</b>	<b>97044</b>	
<b>yellow</b>	<b>97036</b>	
<b>orange</b>	<b>97037</b>	
<b>green</b>	<b>97038</b>	
<b>red</b>	<b>97048</b>	
<b>dark-blue</b>	<b>97049</b>	
<b>light-blue</b>	<b>97043</b>	

*Accessories for Stetoclip Color:*

<b>Tube adapter, aluminum</b>	<b>97011</b>
<b>Spare plugs, white, 1 pair</b>	<b>97065</b>





**Stetoclip Standard**, gray

Includes coupling attachment and listening tube.

**with Soft Foam Earplugs**  
**with Hard Plastic Earplugs****97000****97006***Accessories for Stetoclip Standard:***Spare Foam Tips**, 1 pair**97005****Spare Plastic Tips**, 1 pair**97007***Accessories for stetoclips:***Listening Tube with Top (beige) and Junction Coupling****881341**

For connecting to a stetoclip.

**Top for Listening Tube**, beige**88121****Listening Tube**, multi-colored**881340**

For listening directly to ITE hearing systems. With blue earplug (olive-shaped) and red top.

**Top for Listening Tube**, red, for multi-colored listening tube**881210****Junction Couplings for Stetoclip****positive**, for stetoclip and earmolds**97002****negative**, for external receivers**97003**

**Earmold Vacuum Cleaner**, manually operated

Ideal for the professional removal of cerumen by creating a vacuum. Ergonomically-shaped with operable release button. The tip is equipped with an exchangeable listening top that can also be purchased separately.

**97070****Soldering unit kit Weller WT 1012**, 230 V for a leadfree solder

Kit consisting of the 1-channel supply unit WT1 with soldering iron WSP 80, the safety stand WSR 201, 2 soldering tips diameter 0.2 mm and 0.4 mm and 100 g lead-free soldering wire.

**60940**

Temperature adjustable from 50 °C (122 °F) to 450 °C (842 °F) and is set via high-contrast LCD display. Suitable for all standard soldering applications.

*Operating temperature:* 50 -450 °C (122 F–842 °F).

*Dimensions:* W 138 x D 149 x H 101 mm

*Voltage:* 230 V

*Output:* 90 W

*Accessories:*

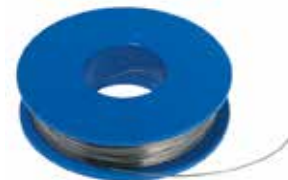
**Soldering Iron WSP 80**

For a high level of accuracy with only short heating period

*Output:* 80 W

**60941****Soldering Tip LT 1L**, conical, long, diameter 0.2 mm**60984****Soldering Tip LT S**, conical, long, diameter 0.4 mm**60985****Solder Wire**, lead-free

0.5 mm, 100 g

**60915**

**Desoldering Braid**

width: 2.8 mm, length: 1.5 m

**60916**

**Clamping Tweezers**, straight, 16 cm  
Especially suitable for soldering operations.

**45625****Standard Bench-Type Magnifier**

With 2 spring joint arms, free movable magnifier head, glass lense, wide field of view, with LED lights and clamp for mounting to desk tops up to 65 mm wide.

**69688****Tube Widening Pliers**

For expanding sound tubes

**45400**

**Scissors – straight pointed**

e. g. for cutting sound tubes, elbows, etc.

**24000****Tweezers, straight****45600****Tweezers, curved****26300****Tweezers, thin – curved****45610****Tweezers, thin – straight****45620****Side Nippers**

e. g. for cutting vent tubes with wire.

**46400**

**Flat-Nose Pliers**

e. g. for withdrawing vent tubes with wire.

**46300****Screwdriver Kit**

6 screwdrivers with longitudinal slot  
(1.0 mm/1.4 mm/2.0 mm/2.4 mm/3.0 mm/3.8 mm) in one set.

**66003****Drill Holder, 10.5 cm**

For the manual removing of sound tubes using drills with shank diameter of 2.35 mm.

**77295****Fiberglass Pen, 12 cm**

For the manual mat finish of earmolds or ITE face-plates.

**77290****Spare Tip for Fiberglass Pen, 6 pieces****77291**

**Impression Case – “Compacto”**

The compact case “to go” is your practical companion when away from your specialised shop. First and foremost, it is designed for all that you need for an ear impression when you are out and about. You can order “Compacto” ready packed or without any contents and fill it yourself with your personal needs. The sample photos show the interior with detachable compartments. The underlying compartment gives extra space for eg, impression material, ear impressions, note book etc.

**Compacto, with contents** – Order number see table


**Compacto, without contents**

*Outer dimensions:* W 39 x D 20 x H 23 cm

*Inside dimensions:* W 38 x D 17.5 x H 19.5 cm

*Volume:* approx. 13 liter

*Weight:* approx. 1.5 kg

 Case models and colour can vary.

66040



Sample

**Table of contents for trolley “Compacto” for impression taking with different impression materials**

		LuxaScope Auris LED otoscope (battery operation)	LED Ear light with acrylic tip	Impression pads made of elastic foam with safety thread, conical, pink (100 pieces)	Impression Tweezers	Measuring spoon for A-silicones, 1 pair	Measuring spoon for C-silicones	egger Impression syringe (blue), standard, tip diameter 4 mm	Spare cylinder for impression syringe, tip diameter 3 mm	Injector 2 in 1	Mixing canulas, 50 pieces	Mixing canulas S 50, pink, 6.75 mm (40 pieces)	Mixing canulas S 50, green, 8.00 mm (40 pieces)	Clear former – impression film (2 x 10 pieces)	Mixing spatula	Mixing slab	Scissors – blunt pointed	egger Polyethylene – snap fastener bag for impressions (50 pieces)
66061	egger A/soft	X	X	X	X					X	X			X			X	X
66062	egger A/ITE	X	X	X	X					X	X			X			X	X
66071	egger A/soft S 50	X	X	X	X					X		X		X			X	X
66072	egger A/ITE S 50	X	X	X	X					X		X		X			X	X
66073	egger A/rapidPRO S 50	X	X	X	X					X		X		X			X	X
66074	egger A/II S 50	X	X	X	X					X			X	X			X	X
66041	egger A	X	X	X	X	X		X	X					X	X	X	X	X
66042	egger A/I	X	X	X	X	X		X	X					X	X	X	X	X
66043	egger A/II	X	X	X	X	X		X	X					X	X	X	X	X
66051	egger C	X	X	X	X		X	X	X					X	X	X	X	X
66052	egger C/I.2	X	X	X	X		X	X	X					X	X	X	X	X
66053	egger C/II	X	X	X	X		X	X	X					X	X	X	X	X

## The Shop on Wheels

Professional education. Home Visit. Hearing protection field work. Plastic bag? We offer you something better! The chic otoplastic trolley on wheels. Your mobile packing station for everything having to do with earmolds.

### Aluminium black, empty

66005

We will be pleased to supply you with the completely equipped trolley.

### Otoplastic trolley "Standard MS2"

66020

In order to ensure you have everything you might need, we chose the contents of the trolley (aluminium, black) according to the high standard needs of an acoustician's master exam in Germany:

#### Contents:\*

- LuxaScope Auris LED otoscope (battery operation)
- LED Ear light with acrylic tip
- Acrylic tip with scale for LED ear light
- Tube widening pliers
- Scissors, blunt pointed
- Bayonet tweezers
- egger A/ITE (8 double cartridges)
- Inject-pistol
- Mixing canulas, 25 pieces
- Clear former – impression film ( 2 x 10 pcs.)
- Cotton and sewing thread for manufacturing impression pads
- cedis Spray with atomizer, 100 ml
- Gasket form, 40 mm, 2 pcs.
- Bottom part, 40 mm, 2 pcs.
- Duplicating silicone, transparent, 8 cartridges
- Container round, transparent, 50 mm
- Investment form, transparent, 50 mm
- Measuring spoon
- egger Acryl/B monomer (liquid), 250 ml
- egger Acryl/B polymer (powder), transparent, 0.5 kg
- Mixing cup, 70 ml
- Mixing spatula, small
- Immersion skewer for waxing of 1 impression (only in standard version)
- Dipping wax, green, 167 g (only in standard version)
- Sound tube PVC, 2.0 x 3.1 mm, transparent
- egger LP/H beige, 150 g tube
- egger LP/H modeling paste beige, 20 g
- Dipping jar, 60 ml
- Black foil, 10 pieces, diameter 4.5 cm
- LP-Cleaner 250 ml
- Silicone vent tube, 0.8 mm
- Silicone vent tube, 1.5 mm
- Silicone vent tube, 2.0 mm
- Tweezers, thin, curved
- Drill set for hard earmold materials
- Bur, round, 3.5 mm
- Carbide faceplate-trimmer
- Soft polishing disc, green, unassembled, 10 pcs.
- Mandrel for soft polishing disc
- Trimmer, assembled, pointed and slim
- Corundum paper, 180 grit, coarse
- Uniglu, 10 g with dosing tip small, 0.5 mm
- Universal knife with spare blade (1 piece)
- Scalpel with 1 blade, flat grip
- Spare blades for scalpel with flat grip (5 pieces)
- Cotton swabs, 300 pieces
- Safety visor
- Dust respirator, 5 pieces
- Stetoclip, black
- Mixing slab, synthetic material
- Drill stand with fold-away lid
- Paper tissue dispenser
- 1 Set of training earmolds including sound tubes (the set includes each 5 x right / 5 x left)
- Edding black, fine
- Digital timer

\* Laboratory devices are not included, as they are generally provided by the schools while in training or during exams.



Model/color of otoplastic trolley may vary.





**Otoplastic trolley "Expert ME2"****66030**

This trolley contains in addition to the "standard" equipment devices for the easy production of earmolds and ITE-shells.

- Light-Curing Unit eLED.LP3
- Insert including 5 units of metalized carton for eLED.LP3
- Dipping wax, green, 500 g
- Wax immersion and duplicating device, 230 V
- Dipping sieve
- Digital thermometer
- Aquapress


**Training earmolds (80 percent earmolds)** including sound tubes  
 (the set includes each 5 x right-red/5 x left-blue)
**19930**

The shape of the training earmolds is based on the main characteristics of more than ¾ of all earmolds produced daily. A great auxiliary for practicing fittings and for exams! Pre-bent sound tubes 2.0 x 3.1 mm are included!

The set includes:

- 1 earmold without an additional bore
- 1 earmold with an additional bore of 1.0 mm
- 1 earmold with an additional bore of 1.4 mm
- 1 earmold with an additional bore of 2.0 mm
- 1 earmold with an additional bore of 2.5 mm  
(left and right respectively)
- 10 sound tubes 2.0x3.1 mm



We also offer training courses with theoretical and practical elements on earmolds and hearing protection for technicians!

For further information, please consult page 278/279.



TUBES **e** LB  
OWSANDAC  
CESSORIES

Tubes, elbows, horn systems – the right accessories

**TUBES, ELBOWS AND ACCESSORIES**

for high-quality earmolds. With the matching special parts, the fidelity of earmolds can be influenced individually. In various shapes and a great variety of colors. Contact us for information on our attractive sliding-scale prices.

**Sound Tube PVC**, by the meter

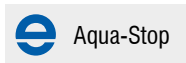
<b>1.5 x 2.5 mm</b>	transparent	<b>95500</b>	<input type="checkbox"/>
<b>2.0 x 3.1 mm</b>	transparent	<b>95600</b>	<input type="checkbox"/>
	flesh-colored	<b>95700</b>	<input type="checkbox"/>
	blue	<b>95603</b>	<input type="checkbox"/>
	red	<b>95606</b>	<input type="checkbox"/>
	black	<b>95607</b>	<input type="checkbox"/>
<b>2.0 x 3.3 mm</b>	transparent	<b>95900</b>	<input type="checkbox"/>
	flesh-colored	<b>95705</b>	<input type="checkbox"/>
<b>2.0 x 4.0 mm</b>	transparent	<b>95800</b>	<input type="checkbox"/>



**Dry Tube**

The special tube made of polyurethane lets moisture diffuse, thus preventing a possible condensation build up in the sound tube.

<b>2.0 x 3.0 mm</b>	transparent, by the meter	<b>96600</b>
	pre-bent	<b>96200</b>



**Horn Tube, Dry Tube**

Apart from transporting moisture, this sound tube with its "horn" shape also supports the high frequencies, that are important for hearing clearly.

<b>3.0 mm</b> inside diameter	<b>96300</b>
<b>4.0 mm</b> inside diameter	<b>96400</b>



## Bent Sound Tubes and Elbows

Various angles are available. Ideal for the optimum adaptation to individual anatomic requirements.

### Sound Tube PVC, wide, pre-bent, 80° (± 10°)

<b>1.5 x 2.5 mm</b>	transparent	<b>95505</b>	<input type="checkbox"/>
<b>2.0 x 3.1 mm</b>	transparent	<b>95100</b>	<input type="checkbox"/>
	flesh-colored	<b>95105</b>	<input type="checkbox"/>
	blue	<b>95203</b>	<input type="checkbox"/>
	red	<b>95206</b>	<input type="checkbox"/>
	black	<b>95207</b>	<input type="checkbox"/>
<b>2.0 x 3.3 mm</b>	transparent	<b>95905</b>	<input type="checkbox"/>
	flesh-colored	<b>95200</b>	<input type="checkbox"/>
<b>2.0 x 4.0 mm</b>	transparent	<b>95300</b>	<input type="checkbox"/>



### Sound Tube PVC, narrow, pre-bent, 60° (± 10°)

<b>1.5 x 2.5 mm</b>	transparent	<b>95515</b>	<input type="checkbox"/>
<b>2.0 x 3.1 mm</b>	transparent	<b>95110</b>	<input type="checkbox"/>
	flesh-colored	<b>95115</b>	<input type="checkbox"/>
	blue	<b>95213</b>	<input type="checkbox"/>
	red	<b>95216</b>	<input type="checkbox"/>
	black	<b>95217</b>	<input type="checkbox"/>
<b>2.0 x 3.3 mm</b>	transparent	<b>95915</b>	<input type="checkbox"/>
	flesh-colored	<b>95210</b>	<input type="checkbox"/>



### Sound Tube with Wax Guard, pre-bent for open fittings

<b>2.0 x 3.1 mm, transparent</b>	<b>96800</b>
<b>Wax guard, transparent</b>	<b>96900</b>



Our sound tubes, which are made of PVC materials, are **diethylhexyl phthalate free**.

**CROS-Tube with Wax Guard**, anatomically pre-bent

2.0 x 3.1 mm, transparent

left	96820
right	96821



**Elbow**, wide, pre-bent, 80° (± 10°)

1.5 x 2.5 mm	transparent	90010	<input type="checkbox"/>
	blue	90013	<input checked="" type="checkbox"/>
	red	90016	<input checked="" type="checkbox"/>
2.0 x 3.0 mm	transparent	90110	<input type="checkbox"/>



**Elbow**, narrow, pre-bent, 60° (± 10°)

With this special design of the hearing aid elbow, the requirements for a demanding earmold adaptation can be fulfilled more easily.

1.5 x 2.5 mm	transparent	90000	<input type="checkbox"/>
	blue	90003	<input checked="" type="checkbox"/>
	red	90006	<input checked="" type="checkbox"/>
2.0 x 3.0 mm	transparent	90100	<input type="checkbox"/>
	blue	90103	<input checked="" type="checkbox"/>
	red	90106	<input checked="" type="checkbox"/>



### Nylon Tube

For manufacturing elbows. Available by the meter.

1.5 x 2.5 mm

97200

2.0 x 3.0 mm

97100



### Horn Systems

The transmission of high frequencies, which are important for audibility, is supported while in sound transportation by using horn systems. We can offer you a wide selection to choose from.

#### Horn Tube, thin-sided

Inside diameter 3.0 mm

transparent

96000

flesh-colored

96007

blue

96001

red

96004

black

96006



Inside diameter 4.0 mm

transparent

96100

flesh-colored

96107

blue

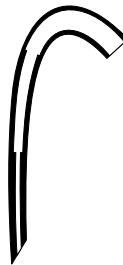
96101

red

96104

black

96106



#### Horn Tube, thick-sided, transparent

Inside diameter 2.3 mm

96005

Inside diameter 3.0 mm

96700

Inside diameter 4.0 mm

96701

### Bakke-Horn

For integration into hard earmolds.

96500

### Horn Elbow

The graceful alternative to Bakke-Horn.

96502



## Anchors

Special systems for attaching sound tubes to silicone earmolds – no gluing required.

### egger flex Tube with Anchor

transparent  
flesh-colored



95400

95405

### Plastic Anchor

90200

### Metal Expanding Attachment, gold-plated

short  
long

90903

90904



## Connectors

For manufacturing earmolds for pocket hearing aids.

### Snap Ring, for soft silicone earmolds

90901

For manufacturing earmolds the place marker (REF 90902) is needed, see page 209.



### Snap Ring, for hard earmolds

90900

With the heating piston it is directly worked into the cured acrylic material.



## Grip Stencil Set

36899

Grip stencil for producing grip hollows on silicone earmolds, especially suited for hearing protection and splash protection earmolds. Can be used with the indirect and direct method for silicone cold-curing materials.

Set includes a small (Ø 12 mm) and a large grip stencil (Ø 15 mm).





**Handles for Silicone Earmolds**

Red and blue plastic handles optional with connecting cord (plastic, in different colors) to be screwed into silicone earmolds

**5 pairs** (5 x red, 5 x blue)

**36988**

**1 pair of Handles with connecting cord in:**

blue

**369881**

red

**369882**

transparent

**369883**

black

**369884**

white

**369885**

green

**369886**

pink

**369887**

purple

**369888**



**Removal String**

For easier removal of ITE shells, BTE and slim earmolds or hearing protection earmolds.

**10 pieces**

**8814601**

**100 pieces**

**8814602**



**Tube Junction**

**positive**, for earmolds or stetoclip

**97002**

**negative**, for external receivers

**97003**



**Ear Plug, Olive-Shaped, with Tube**

**small**

**97021**

**medium**

**97022**

**large**

**97023**



IMPRESSION  
REPARATION  
NEGATIVE MOLD  
MANUFACTURE

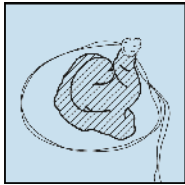
Exact preparation of the impression is important: A precise and comfortable fit of the earmold is dependent on the preparation efforts. The wax layer influences the seal and wearing comfort of the future earmold. Suitable equipment results in an efficient and economically manufactured negative mold: Tools and materials are used depending on the production output and production process. This leads to an optimum working process.

## IMPRESSION PREPARATION / NEGATIVE MOLD MANUFACTURE

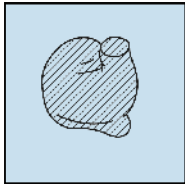
## Manufacturing Process – Preparing the Impression

- *the first important step towards manufacturing a precision earmold*
- *the prepared impression is the key to success*
- *the wax coating influences the quality of the finished earmold concerning comfort and sealing*
- *is the basis for all earmold manufacturing processes*

*Please also consider our cedis Profi product range for work safety, hand and skin care, which is part of our cedis care program. For the complete product range, please see pages 88-95.*



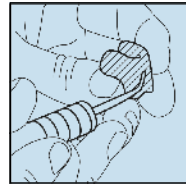
- 1.** Check the impression. Pay attention to exact application and the length of the auditory canal



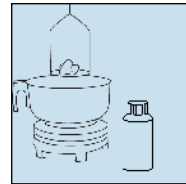
- 2.** Trim the auditory canal and cymba of the impression



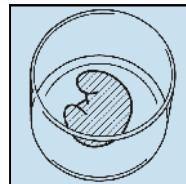
- 3.** Round all edges and interfaces and smooth surface gently



- 4.** Level irregularities, holes or scratches with correcting wax



- 5.** Apply a thin and even interlayer (wax or lacquer L)



- 6.** Place the impression securely in a duplicating flask/investment form suitable for the chosen manufacturing process

**Electrical Wax Knife easy Waxer, 230 V**

Compact, powerful modeling unit with a light and easily manageable modeling handle including two tips and stand, for precise corrections of impressions using correcting wax. Adjustable temperature range: 50-225°C (122-437°F).

*Output:* 9 W

*Working temperature:* 50-225°C (122-437°F)

*Weight:* 0.75 kg

*Dimensions:* W 100xD 160xH 80 mm

*Spare parts:*

**Tip, standard**

**Tip, knife-shaped**

**61210-1****61213****61214****Electric Wax Knife ECO, incl. correcting wax**

Favorably-priced starter kit with four different modeling tips and a jar of egger correcting wax (REF 41300). Due to its steplessly adjustable temperature, the unit heats up quickly to the desired temperature of 50-350°C (122-662°F). Heat is controlled through the high-performance heating element and circuit.

*Contents:* wax station with iron, 4 different modeling tips, correcting wax, red, 70 g

*Voltage:* 230 V / 50 Hz

*Output:* max. 10 W

**61230**

*Spare parts:*

**Modeling Awl**

**Modeling Blade**

**Modeling Spatula**

**Modeling Knife, bent**

**61232****61233****61234****61235**

**Correcting Wax red, 70 g****41300**

For correcting and refilling impressions e. g. by using an electrical wax knife.

**Wax Immersion and Duplicating Device, 230 V****65005**

Complete unit with electrical heating plate and lid for melting wax, adjustable thermostat with overheating protection.

**Also available as a 115 V device.**

*Dimensions:* Ø 150 mm

*Weight:* 1.2 kg

*Capacity:* 0.9 l

**Temperature Control TR4 for Wax Immersion and Duplicating Device, 230 V****66250**

Electronic controller for optimum control of the wax temperature. The temperature control ensures that the wax layers spread evenly during professional use. The built-in power control unit adjusts the heat demand for an optimum temperature and is equipped with a permanent actual temperature indicator. Set values to be programmed manually. It is equipped with a visual alarm for critical temperatures. Suitable for the wax immersion and duplicating device (REF 65005).

**Also available as a 115 V device.**

*Dimensions:* W 125 x D 180 x H 150 mm

*Weight:* 1.9 kg

*Output:* 16 A / 3500 W

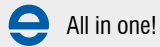


**Wax Immersion Kit Profi, 230 V****66220**

All in one!

Set at a favorable initial price. It consists of the temperature control unit TR4, the dipping sieve, the wax immersion and duplicating device with heating plate and the holder for the temperature sensor – perfect for working professionally with all types of dipping waxes.

**Also available as a 115 V device.**

Accessories for wax immersion and duplicating device:**Holder for Digital Thermometer****65007****Digital Thermometer****65002**

For manual temperature control of wax and duplicating material.

**Dipping Sieve****65004**

Holds the impressions that are to be wax coated in the wax immersion and duplicating device.



**Immersion Wax, Special**, green, 500 g**41201**

Special wax composition for insulating the impressions. Universally suitable for A- and C-type silicone impression materials – results in an even and highly elastic wax film layer.

Recommended processing temperature 95 °C (203 °F).

**Immersion Wax, Standard**, pink, 500 g**41100**

Wax sheets for insulating the impressions, also suitable for modeling the interlayer when counterering.

Recommended processing temperature: 75 °C (167 °F).

**Lacquer L**

Air-drying silicone lacquer for the preparation of impressions for the manufacturing of negative molds with plaster or gel duplicating material.

*In aluminum bottle:*

**30 ml**, incl. 5 disposable brushes  
**100 ml**  
**250 ml**  
**500 ml**  
**1000 ml**

**375030**  
**37501**  
**37502**  
**37503**  
**37506**

**Square Stone for Trimmer****49600**

For shaping trimmers and rubber polishers.

**Trimmer**, assembled

For executing alternations and corrections on silicone earmolds and impressions.

**Pear-Shaped**  
**Pointed and Slim**

**77200**  
**77201**





**Mandrel**

For polishing disc (REF 74200).

**73600****Soft Polishing Disc**, green, unassembled, 10 pieces

For treating impressions in connection with mandrel (REF 73600).

**74200****Scalpel with 1 Blade**, flat handle**45300****Spare Blades**, 5 pieces**46200****Universal Knife**

For trimming impressions.

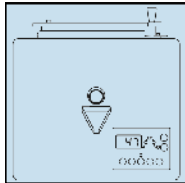
**45500****Spare Blades**, 10 pieces**45502****Pencil for Marking Impressions****24100**

## Manufacturing Process and Summary of Possible Methods for Manufacturing Negative Molds or Blanks

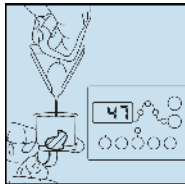
Determine which earmold material is the right one for your customer. The manufacturing process for the negative mold or blank is then derived from this decision. Different possibilities are available for combining the suitable negative mold material with the processing method of your choice. The following overview summarizes the possible combinations:

	Manufacturing process of earmolds					
Negative mold material	UV-polymerization	Cold polymerization of acrylics	Hot polymerization of acrylics	Silicone cold-curing	Silicone hot-curing	Advantages
Duplicating material gel or concentrate	X	X		X		reusable, high reproduction accuracy
Duplicating silicone transparent	X	X				shrink-proof, perfect for control forms, highly transparent > reduces polymerization time
Plaster		X	X	X	X	extremely economical method in large numbers, suitable for hot-curing polymerizates

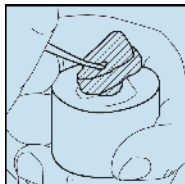
### Manufacturing Negative Molds with Duplicating Gel



1. Prepare duplicating material and concentrate in the duplicating device EDG 1 in an automatic process

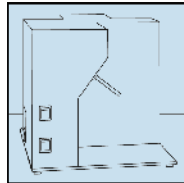


2. Fill investment form and let it cool down

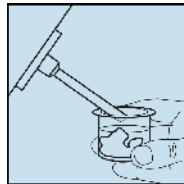


3. Remove impression after material hardens, free negative mold of wax residues

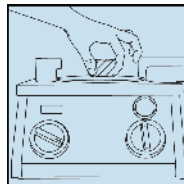
### Manufacturing Negative Molds with Duplicating Silicone transparent



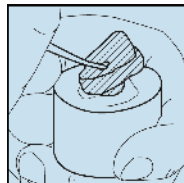
1. Mix components A and B evenly, either manually or using the mixing device ESG 2



2. Fill investment form

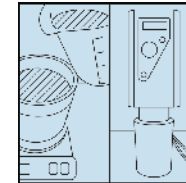


3. Put negative mold for approx. 15 minutes into pressure pot for bubble-free hardening (optional)

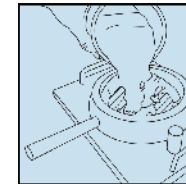


4. Remove impression, free negative mold of wax residues

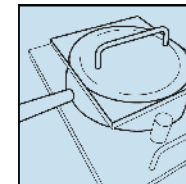
### Manufacturing Negative Molds with Plaster



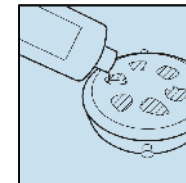
1. Mix plaster under vacuum



2. Fill plaster into investment form or Micropol flask



3. Let it harden for approx. 15 to 20 minutes



4. Remove impression, remove wax residues by boiling, let plaster form dry and insulate it with Isolat

## Manufacturing Negative Molds with Duplicating Gel

The egger duplicating material is a proven negative mold material of a type of hydrocolloid. Due to its transparency, the material is especially suitable for processing with the light-curing technique. The material can also be used for processing acrylic cold polymerizates and silicone cold vulcanizing material. The material is characterized by its extremely high reproduction accuracy. It can be reused several times.

### Duplicating Material

Ready-to-use material for processing in duplicating unit EDG 1 or in the wax immersion and duplicating device (REF 65005), see page 158.

#### 6 kg (bucket)

40900

Ready-to-use material for fast processing, e. g. in a microwave oven; suited for small numbers.

#### 350 g (container)

40903

### Duplicating Material (Concentrate)

We recommend mixing and processing the material in duplicating unit EDG 1. A mixture of the total volume with 1.5 l water produces about 5.3 kg. Due to a reduction in weight of 50 %, you save on cargo and handling.

#### 3 l can

40909



### egger Duplicating Device EDG 1, 230 V/50 Hz

61760

High-performance, compact duplicating device melts the reusable egger duplicating material. Due to its solid and durable design and low investment costs, the unit has become a standard device in professional laboratories. The powerful agitator melts duplicating material quickly and gently. It is ready for processing in no time. A micro-controller with three temperature sensors regulates all functions of the duplicating unit and registers the number of melting cycles thus checking the material's quality.

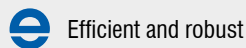
Recommended capacity: 2 - 5 kg.

**Also available as a 115 V device.**

Output: 1300 W

Dimensions: W 345 x D 285 x H 295 mm

Weight: 19,2 kg



Efficient and robust

## Manufacturing Negative Molds with Duplicating Silicone

### Duplicating Silicone transparent

Addition-vulcanizing casting silicone for manufacturing negative molds. The material's high-level transparency reduces the polymerization time compared to other materials. Especially suitable for the processing of UV-polymerizates and cold polymerizates or the manufacturing of ITE-control forms.

Mixing ratio 1 : 1

*Final degree of hardness:* approx. 17 shore

**2 x 5 l Can**

**2 x 1 l Bottle**

**8 Cartridges (2 x 25 ml)\***

**41001**

**41000**

**41003**

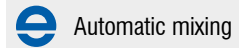


\* Matching mixing canulas and inject pistol are listed in our chapter on Impression Taking Technique from page 96.

**egger Silicone-Mixing Device ESG 2**

Measuring and mixing device for automatic mixing of high-quality egger duplicating silicones. The optimized feed pump and the disposable static mixing canulas, that can be exchanged easily, ensure bubble-free and homogenic mixing of silicone components and therefore minimizing material consumption. The foot switch (included in delivery) makes the device easy to operate. Transparent refillable containers (material reservoirs) are also included. They can be refilled with silicone at any time.

Alternatively, the material refill containers can also be attached directly to the device. Please order quick-change devices separately.

**230 V****Also available as a 115 V device.***Dimensions:* W 320 x D 350 x H 320 mm*Weight:* 20,5 kg*Accessories:***Holder** for 5 l cans**Coupling Kit** (1 pair) for 5 l cans incl. connection hoses**54560****54504****54553**

A grey rectangular box containing a blue circular icon with a white 'e' and the text 'Please order mixing canulas separately.' to its right.

**Mixing Canulas S 50, pink**

Attachment for the egger silicone-mixing device ESG 2

Inner diameter (tip): 4.8 mm

Diameter (total): 6.75 mm

**40 pieces****100 pieces****25151****25152**

### Pressure Pot

For manufacturing a bubble-free silicone negative mold, we recommend vulcanizing the material in a pressure pot. Further product information is available in our chapter on Polymerization of Acrylics from page 210.



### Manufacturing Negative Molds with Plaster

#### Plaster Mixing Devices

We can offer you various designs of dosing and vacuum mixing units needed for mixing plaster.

Please request an updated offer for the model you require.



**Plaster, Semi-Hard, 25 kg**

**41509**

**Plaster Accelerator, 1 kg**

**40300**



### **Micropol 2000**

When manufacturing a plaster negative mold, we recommend using the Micropol 2000. Further product information is available in our chapter on Polymerization of Acrylics from page 210.



### **Microwave Oven**

**64709**

For quick polymerization of ITE shells and earmolds and for vulcanizing silicone earmolds in the special Micropol duplicating flasks, steplessly adjustable up to 850 W. Turntable included.

Voltage: 230 - 240 V

Output: 850 W

Weight: 17,4 kg

Inner dimensions: W 335 x H 200 x D 360 mm

Outer dimensions: W 520 x H 312 x D 442 mm





*Auxiliary materials for manufacturing plaster forms***Isolat**

Alginate insulating agent for separating plaster forms from resins and silicones. Suitable for all acrylics and hot-curing materials.

5 l

39901

**Plaster Solvent**

For the thorough cleaning of all plaster mixing units and plaster-caked items.

1 l

40101

5 l

40100

**Accessories for Manufacturing Negative Molds****Gasket Forms**

Ø 26 mm, 25 pieces

55040

Ø 35 mm, 25 pieces

55041

Ø 40 mm, 25 pieces

55042

**Bottom Parts for Gasket Forms**

Ø 26 mm

55043

Ø 35 mm

55044

Ø 40 mm

55045



**Investment Form, transparent, Ø 50 mm**  
With removable lid.

**52900**



**Investment Form, transparent, Ø 50 mm**  
With two removable lids.

**53000**



### **Silicone Investment Form**

Suitable for manufacturing negative molds of duplicating material, duplicating silicone or plaster.

**Ø 5 cm**  
**Ø 11 cm**

**52100**  
**52300**



**Impression-Removing Instrument**

For easy removal of impressions out of the negative mold.

**46700****Adhesive Wax, red**

For fixing the isolated impressions in investment forms or on investment kits.

**120 g****1 kg****41104****41102****Wax Knife**

For deburring the plaster form after removal of the impression.

**small****large****45000****45100**

DIGITALM  
ANUFACTU  
RINGOF<sup>e</sup>A  
RMOLDS

egger has all that you need for

**DIGITAL MANUFACTURING OF EARMOLDS**  
the digital production of earmolds:

3D scanner, 3D modelling software,  
3D materials, 3D printer. And everything else for the production of biocompatible earmolds. And everything is perfect in the ear!

## Manufacturing Process – Digital manufacturing of earmolds

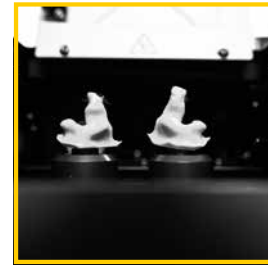
### 1. Impression

A precise ear impression is the prerequisite for a perfectly fitting earmold.



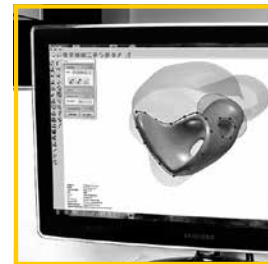
### 2. Scanning

The scanner is the start for the digital earmold manufacturing. Further information can be found in our brochures “smart optics and 3 Shape” – 3D-Scanners.



### 3. Modelling

Design your own earmold with the modelling software by “3Shape” – we also have detailed information on hand for you.



### 4. 3D Printer • 3D Materials

The egger product line evolupt® offers most modern 3D printers, along with our comprehensive 3D printing material. For any production volume. For any budget. You can find the current printer models on our website. On request we will happy to send you our information brochure.



## 5. Cleaning

The earmolds need to be cleaned in isopropyl alcohol after the printjob.



## 6. Drying

Drying is necessary to enable the solvents to evaporate from the cleaning process.



## 7. Post-curing process

Post-curing process is carried under inert atmosphere (nitrogen). This step is necessary to ensure the biocompatibility and the mechanical characteristics.



## 8. Surface finishing

We recommend to lacquer 3D printed earmolds with egger LP/H lacquer. Optionally: polish the surface mechanically or drum-polishing.



## egger 3D Materials

For the layered production of BTE earmolds, hearing protection, ITE shells and casts on 3D printers, we can offer you high quality light-curing materials for the 3D printers with a UV/LED light source 378-388 nm. With our universal 3D material selection, you can consistently use the advantage of 3D printing.

### e3D.M01

e3D.M01 is a light-curing resin used for the generative, automatic fabrication of earmolds (earmolds for hearing aid users and individual hearing protection) based on systems with a light source of UV/LED 378-388 nm. e3D.M01 is based on (meth) acrylate and free of bisphenol A.

<i>Contents:</i>	500 g	1,000 g
<b>transparent</b>	<b>430115</b>	<b>43011</b>
<b>pink-transparent</b>	<b>430125</b>	<b>43012</b>
<b>red</b>	<b>430135</b>	<b>43013</b>
<b>blue</b>	<b>430145</b>	<b>43014</b>
<b>blue<sup>plus</sup></b>	<b>430155</b>	<b>43015</b>
<b>light-brown</b>	<b>430165</b>	<b>43016</b>
<b>neon-yellow</b>	<b>430175</b>	<b>43017</b>



### e3D.S01

e3D.S01 is a light-curing resin used for the generative, automatic fabrication of ITE shells based on systems with a light source of UV/LED 378-388 nm. e3D.S01 is based on (meth) acrylate and free of bisphenol A.

<i>Contents:</i>	500 g	1,000 g
<b>blue<sup>plus</sup></b>	<b>430255</b>	<b>43025</b>
<b>red<sup>plus</sup></b>	<b>430265</b>	<b>43026</b>
<b>beige</b>	<b>430275</b>	<b>43027</b>
<b>white</b>	<b>430285</b>	<b>43028</b>
<b>black</b>	<b>430295</b>	<b>43029</b>





**e3D.C01**

e3D.C01 is a light-curing resin used for the generative, automatic fabrication of cast molds (soft silicone earmolds for hearing aid users and for individual hearing protectors) based on systems with a light source of UV/LED 378-388 nm. e3D.C01 is based on (meth) acrylate and free of bisphenol A.

<i>Contents:</i>	500 g	1,000 g
<b>orange</b>	<b>430025</b>	<b>43002</b>

**e3D.CS01****43040**

Insulating agent for the generative, automatic fabrication of cast molds, made of light-curing resin, against A-silicones.

*Contents:* 500 ml



### Just to let you know what our initials stand for

e3D.**M**01: **M**old material for the fabrication of earmolds. e3D.**S**01: **S**hell material for the fabrication of ITE shells.  
e3D.**C**01: **C**ast material for the fabrication of casts. e3D-**CS**01: **C**ast **S**eparator (insulating agent) for casts.

UVPOLYM  
eRIZATIO  
NVENTING

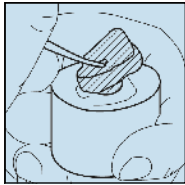
Manufacturing earmolds and ventings using UV-  
**UV - P O L Y M E R I Z A T I O N / V E N T I N G**  
polymerization for reliable product quality. Easy  
handling, efficient processing. UV-polymerization  
and venting have various and simple uses at low  
investment costs. Suitable for open fittings and  
BTE hearing aid systems, ITE shells and hearing  
protection.

## Manufacturing Process – UV-Polymerization

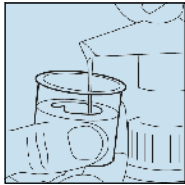
One-component material on the basis of polyurethane/acrylate is used for working with the UV-polymerization technique for manufacturing earmolds.

### Advantages:

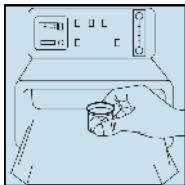
- quality material available in transparent and pink-transparent for earmolds and in beige, flesh, red and blue for ITE shells
- special colorations are possible
- hard, impact-tough material
- also applicable for hearing protection
- modular system, therefore also suitable for small numbers of items
- clean and space-saving manufacturing process
- very tissue-friendly
- reasonable cost-benefit ratio
- usable in the usual UV-curing units



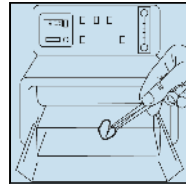
*Manufacturing of negative molds from page 162*



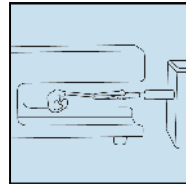
**1.** Fill the LP material into the transparent negative mold



**2.** Put the negative mold into the UV-curing unit EL 1, EL 1 plus N<sub>2</sub> or EL 2 for polymerization



**3.** Take the blank out of the negative mold for post-polymerization in the LP-Cleaner bath or under inert gas (nitrogen)



**4.** After shaping and finishing with special cutters (from page 224) varnish it with LP lacquers (see page 132)

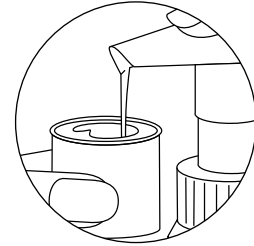
Materials and devices to set vents and for repairs see pages 130 - 145 and 192 - 197.

## egger LP UV-Curing Materials

We offer high-quality UV-materials for manufacturing

- earmolds for BTE hearing systems and open fittings
- ITE shells
- hearing protection

The outstanding feature of our UV-materials are their color stability, i. e. the color pigments will not settle at the bottom. Additional mixing before use is no longer necessary. We guarantee you stable and continuous quality. With egger LP/HS we offer a special material formula that is highly suitable for manufacturing gracile earmolds and is used evermore with open fit hearing systems and ITE hearing aids. egger LP/HS draws attention due to its improved breaking strength when compared to the standard formulas.



## egger LP/HS Impact-Resistant

Hard UV-polymerizates for the production of extremely fracture-proof BTE earmolds, ITE shells and hearing protection.

### clear

600 g aluminum bottle

30022

### pink-transparent

600 g aluminum bottle

30122



**egger LP/H, Standard**

Hard UV-polymerizates for the production of BTE earmolds, ITE shells and hearing protection.

**clear**

150 g tube

300 g aluminum bottle

600 g aluminum bottle

**pink-transparent**

150 g tube

300 g aluminum bottle

600 g aluminum bottle

30000

30005

30008

30100

30105

30108

Hard UV-polymerizates for the production of ITE shells

**beige**

150 g tube

300 g aluminum bottle

600 g aluminum bottle

**flesh-colored**

300 g aluminum bottle

600 g aluminum bottle

**red**

150 g tube

300 g aluminum bottle

600 g aluminum bottle

**blue**

150 g tube

300 g aluminum bottle

600 g aluminum bottle

30400

30405

30408

29905

29908

29710

29711

29720

29715

29716

29725

**egger LP Modeling Pastes**

UV-curing modeling pastes in different colorations for repairing or modifying earmolds and for shaping vents are listed in our chapter on Services and Repairs see page 136 and Venting see page 192.

**egger LP Lacquers**

Numerous UV-curing lacquers for various uses are described in a detailed list in our wide selection of lacquers in the chapter on Services and Repairs see page 132/133.



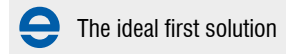
## egger EL UV-Curing Units

With the devices from our EL-series, we offer you individually designed modules for every kind of use. We also offer you the possibility of equipping your own otoplastics laboratory at low investment cost.

### egger EL 2, 230 V

The ideal first solution into setting up your own production! UV-curing unit for manufacturing BTE earmolds, hearing protection, ITE shells and for varnishing operations. The interior space can hold up to six BTE earmolds. The integrated timer (precision: 1 second) and the light tubes, which are on two levels and individually switchable, let you set the curing times as needed. The device is equipped with two UVA light tubes and two blue fluorescent light tubes. The casing is made of high-quality, powder-coated metal.

51200



**Also available as a 115 V device.**

*Output:* 80 W

*Dimensions:* W 280 x D 240 x H 120 mm

*Weight:* 5.4 kg

*Working surface:* 160 x 110 mm

*Accessories and spare parts for EL 2:*

**Maintenance Kit** consisting of 2 UVA light tubes,  
2 blue fluorescent light tubes and replacement reflectors

50141

**Light Protection Lid, red**

51202

**Set of Reflecting Foils**

51204

**Countertop**

51203



**Set LED Light-Curing Unit eLED.LP3 • Turning Motor eTM.B03 51370****Set LED Light-Curing Unit eLED.LP3 • Turning Motor eTM.PS3 51360**

The advanced, elegantly designed LED light-curing unit/turning motor set for the acoustician's shop and laboratory. Equipped with durable and energy-saving LED elements, the eLED.LP3 reflects the latest in technology. Together with the turning motor, the set with its appealing design seems well-rounded and appreciates the service station in the acoustician's shop and shows your "trade from its beautiful side". It can be carried along in its space-saving format to home visits and looks just as appealing in the laboratory. Attractive is also the price advantage for the set compared to the individual price.

Decoration not included.

**eLED.LP3**

- LED technology with high effectiveness, designed for the gentle polymerization of light-curing resins, e. g. LP/H lacquer and LP/W lacquer
- touch sensitive button for ON/OFF time pre-selection, depending on the application the exposure time is pre-selectable, afterwards the device turns off automatically
- shorter and material friendly curing times contribute to an efficient working process and flawless results during lacquering, modification and repairs
- examples for post-production applications on BTE and ITE earmolds, which have been manufactured of polymerizates or other hard acrylics:
  - glazing with LP/H lacquers, among others as precaution against skin irritations
  - anti-slip coating with LP/W lacquer, among others to improve the retention in the ear
  - diminishing/sealing vents
  - attachment of retention points with modeling paste
- altogether 6 LEDs guarantee a reliable and even illumination of the exposed area
- low operating costs and follow-up costs due to a low power demand and durable light source (> 20,000 h)
- robust metal casing with high-quality coating, easy to clean
- universal power supply unit makes transnational use possible

*Voltage input:* AC 100 - 240 V

*Power consumption:* 15 W *illumination modes:* 3 modes

*Size illumination area:* approx. W 70 x L 110 mm

*Dimensions:* approx. W 80 x L 160 x H 95 mm *Weight:* 0.8 kg

*Number of illuminants:* 6 LEDs

*Spectral distribution:* 375 - 405 nm

**51350**



Accessories:**Insert** (incl. 5 units metalized carton)**51351****Metalized carton** (5 units)**51352**

Also available as service and repair kit.

**eTM.B03****89320**

During post-production lacquering and coating, the continuous rotation guarantees that the material is distributed evenly across the surface (prevents the build-up of sags), the polymerization takes place gently and homogeneously. Turning motor incl. batteries for battery operation; power supply unit (optionally available).

Batteries: 2x AADimensions: W 80 x L 55 x H 95 mmWeight: 0.5 kgRevolutions: approx. 17 U/min**eTM.PS3****89330**

Turning motor incl. power supply unit (alternatively can be operated with batteries, not included) see eTM.B03 without batteries

Power supply unit:

Input AC 100-240V ~ 50- 60Hz, 180mA; Output: DC 5V; 1000 mA



**egger EL 1, 230 V**

Universally usable UV-curing unit for your laboratory operations. Light-curing unit for manufacturing BTE earmolds, hearing protection, ITE shells and for varnishing. The interior space can hold up to 8 BTE earmolds or 12 ITE shells. The integrated timer (precision: 1 second) and the light tubes, which are on three levels and individually switchable, let you set the curing times as needed for each step of production. The device is equipped with six UVA light tubes and four blue fluorescent light tubes. The casing is made of high-quality metal. A fan protects the unit from overheating.

Delivery includes the reflecting and removable metal plate which is used for varnishing operations. The matching varnishing holder kit can be ordered under REF 51207.

**Also available as a 115 V device.**

*Output:* 180 W

*Dimensions:* W 280 x D 300 x H 210 mm

*Weight:* 9,5 kg

*Working surface:* 215 x 160 mm

**51100**

**egger EL 1 plus N<sub>2</sub>, 230 V****51110**

The professional device for your laboratory operations! Same model as the standard device EL 1, but additionally equipped with a gas supply. Thus post-curing can be carried out in a work box under inert atmosphere (nitrogen). This technique prevents the formation of an inhibitory layer since no oxygen influences the polymerization operation. Therefore, the use of the LP-Cleaner can be eliminated and thus the manufacturing process is more efficient and less messy. Nitrogen is harmless if used properly, and it is obtainable in specialist shops. Gas supply to be installed by skilled specialists only!

Incl. 1.5 meter gas hose

Delivery includes the reflecting and removable metal plate which is used for varnishing operations. The matching varnishing holder kit can be ordered under REF 51207.

**Also available as a 115 V device.**

*Output:* 190 W

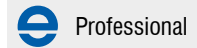
*Dimensions:* W 280 x D 300 x H 210 mm

*Weight:* 10,7 kg

*Working surface:* 215 x 160 mm

*Gas pressure:* up to 1.5 bar

Pressure reducer not included in delivery.



*Accessories and spare parts for EL 1 and EL 1 plus N<sub>2</sub>:*

**Maintenance Kit** consisting of 6 UVA light tubes,  
4 blue fluorescent light tubes and replacement reflectors

**50142**

**Light Protection Lid**, red

**51102**

**Countertop**

**51103**

**Set of Reflectors**

**51104**

*Accessories and spare parts for EL 1 plus N<sub>2</sub>:*

**Pressure Reducer for Gas Bottle**, incl. 1.5 m gas hose

**51113**

**Rectangular Container**, especially for post-curing under inert gas

**51114**

**egger EL 4, 230 V**

The professional device for your laboratory operations!

The proven UV-curing unit egger EL 4 can be universally used in otoplastic laboratories. It was especially developed to polymerize UV-curing resins such as lacquers and modeling pastes and is ideally suited for lacquering (glazing), modifications or repairs. The size of the polymerization chamber is large enough to process up to 25 earmolds and/or ITE shells in a single work step. The most used curing times of two to four minutes are pre-set. Thus a personal check on curing times is no longer necessary and the processing procedures will be even more comfortable. The surface polymerization is highly efficient due to the positioning of the six UVA light tubes and the reflecting finish of the unit's interior. The varnishing drawer's matching varnishing holder kit can be ordered under REF 51207.

*Output:* 150 W

*Dimensions:* W 220 x H 300 x D 110 mm

*Weight:* 5.5 kg

*Working surface:* 190 x 160 mm

*Accessories and spare parts for EL 4:*

**Maintenance Kit** consisting of

6 UVA-light tubes and replacement reflectors

**Set of Reflecting Foils**

**Varnishing Drawer**

**51205**

**50143**

**51209**

**51208**



### Turning Motor for Varnishing Operations

The rotation ensures that the lacquer spreads evenly during the hardening process. Ideal for the use with the UV-curing unit egger EL 3.

#### Battery-Operated

230 V (incl. power supply unit 3 V)

89300

89400



### Spare Light Tubes for egger EL UV-Curing Units

**UVA, 9 W** (light color no. 78 or 10)

50103

**Blue light, 9 W** (light color no. 71 or 52)

50104

Please also note our favorably priced maintenance kits which are listed as spare parts with the UV-curing units.



### Accessories and Auxiliary Materials for UV-Polymerization

Container for the second polymerization using LP-Cleaner suitable for the UV-curing units egger EL 1, EL 2 and EL 4

**Round Container, Ø 50 mm, without lid**

52800

**Rectangular Container, (W 110 x H 55 x D 100 mm)**

50107



**Black Foil**

Used especially for manufacturing ITE shells. It shuts out the UV-rays from the top during the first stage of the polymerization process.

Ø 2.5 cm, 100 pieces

53200

Ø 4.5 cm, 100 pieces

53100

**LP-Cleaner**

For the second polymerization of the sticky surface (inhibition layer) which forms during UV-polymerization due to the exposure to oxygen.

100 ml

31301

250 ml

31303

1000 ml

31300



**Dispenser for egger LP/H Materials****53400**

With pump mechanism for an easy, mess-free and bubble-free dosage of LP/H materials, suitable for the 300 g and 600 g aluminum bottles. Tubing can be modified to fit every bottle size.

**Dial Caliper** (Precision Meter)**44010**

Special precision meter (caliper) to determine the wall thickness of ITE ear-molds.

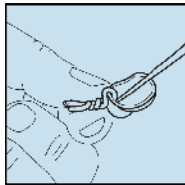


## Manufacturing Process – Shaping Vents with egger LP Modeling Pastes

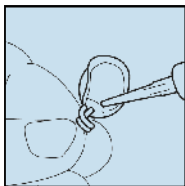
You will find all products you need for the shaping of vents in our extensive product range.

### Advantages:

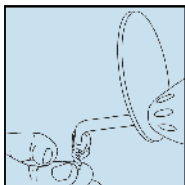
- *easy to process*
- *applicable for all standard UV-polymerizates as well as hard acrylates*
- *low investment costs*



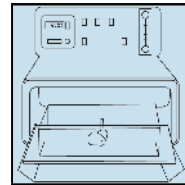
1. Position vent tube with wire



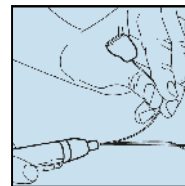
2. Cover vent tube with LP modeling paste



3. Harden LP modeling paste with light pistol and remove wire



4. Let the material harden completely in LP-Cleaner bath or under inert gas (nitrogen)



5. Glue face-plate, mark vent outlet opening using the vent ear light and open it with suitable drill (Drills from page 224)



## Modeling Pastes

### egger LP/H (hard)

Stable, pasty consistency for shaping vents for ITE shells. Colors match the corresponding basis materials of the earmolds.

#### Tube (20 g)

transparent

beige

flesh-colored

red

blue

**30800**

**31000**

**29800**

**29610**

**29615**

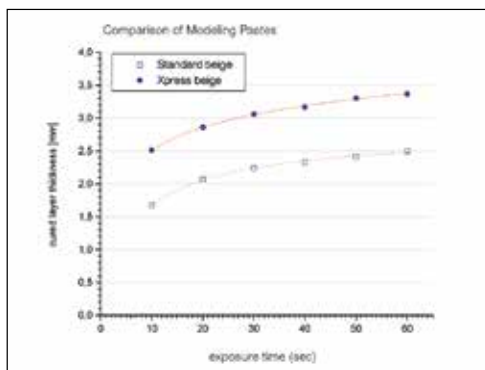


### Xpress, beige

Special formula, designed to correspond to the wave length of light pistols.

The time needed for polymerization can be cut by up to 50%!

**31020**



**Light Pistol Megalux CS, 230 V**

High-performance halogen UV-curing unit for the polymerization of UV-curing modeling pastes (e.g. Xpress) for shaping vents or executing repairs. Due to integrated program settings, curing time can be set to 20 or 40 seconds or continuous operation. Scope of delivery includes a small light guide. Its diameter of 3 mm is ideally suited for shaping vents. In addition, delivery contains the light safety shield and a spare halogen bulb 75 W.

**51550**

**Also available as a 115 V device.**

*Output:* 130 W

*Spectral power distribution:* 400 - 500 nm

*Dimensions:* W 160 x H 80 x D 220 mm

*Spare parts:*

**Spare Light Guide**, 3 mm

**Spare Halogen Bulb**, 75 W

Also suitable for Demetron and Optilux.

**51552****51503****Modeling Instrument**

For an easy modeling of UV-curing modeling pastes, e.g. for ventings in ITE shells.

**31215****UV-Safety Goggles**

Safety protection for the eyes, especially for working with the light pistol.

**74701**

**Vent Tube with Wire, 1 m**

For shaping vents in ITE shells.

Ø 1.0 mm (white)	<b>92700</b>
Ø 1.4 mm (white)	<b>92702</b>
Ø 1.6 mm (red)	<b>92706</b>
Ø 2.0 mm (white)	<b>92703</b>
Ø 2.4 mm (white)	<b>92704</b>
Ø 3.0 mm (white)	<b>92705</b>

**Silicone Ventilation Tube, 1 m**

An alternative to the inflexible vent.

<b>Inner diameter</b>	<b>Outer diameter</b>	
0.8 mm	1.6 mm	<b>92000</b>
1.0 mm	1.8 mm	<b>92100</b>
1.2 mm	2.0 mm	<b>92600</b>
1.5 mm	2.3 mm	<b>92200</b>
2.0 mm	2.8 mm	<b>92300</b>
2.5 mm	3.3 mm	<b>92400</b>

**Dosing Needle for Cartridge Syringes (10 ccm and 30 ccm)**

<b>Stainless Steel</b> , brown	<b>53424</b>
<b>Flexible</b> , brown	<b>53415</b>

**Cartridge Syringe, empty**

Cartridge syringes that are impervious to UV light, for manual dosing of materials. Perfect for easy dosing when shaping vents and modifying ear-molds. Contents: Cylinder, hand piston, stopper and sealing cap.

<b>10 ccm</b>	<b>53428</b>
---------------	--------------

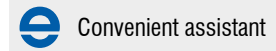


**Vent Ear Light**

A practical tool for shaping vents!

Modified ear light with aluminum cap and three light guides in various sizes.

By means of a light guide which is inserted into the vent, the exact drilling position on the face-plate can be determined. Great lighting due to the use of Xenon halogen lamp technology. Easy exchange of the individual light guides with an Allen key. Matching Allen key is included.



**black**  
**blue**

**26611**  
**26623**

*Accessories for vent ear lights:***Aluminum Cap for Vent Ear Light**

Light guide and Allen key included.

matches the model available from fall 2007

**26915**

matches the model available until fall 2007

**26908**

**Light Guide, 1 m**

Ø 0.5 mm

**26905**

Ø 0.75 mm

**26906**

Ø 1.0 mm

**26907**



**Vario-Venting Kit**, transparent**78023**Contents:

3 different inserts, outer diameter: 1.4 mm

3 different inserts, outer diameter: 2.0 mm

3 different inserts, outer diameter: 2.5 mm

**PVV-Venting Kit**, beige**78001**Contents:

5 different inserts, outer diameter: 3.0 mm



SILICO  
NETeC  
HNIQUE

The technique for manufacturing high-quality, soft earmolds, hearing or splash protection earmolds has numerous possibilities. Choose from various colors and degrees of hardness. Whether you manufacture small or large numbers of earmolds: You choose the technique that suits your demands.

**S I L I C O N E T E C H N I Q U E**

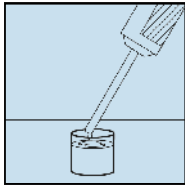
Silicone Technique – Cold Curing	200, 202 - 204
Silicone Technique – Hot Curing	201, 205 - 207
Accessories	208 - 209

## Manufacturing Process – Silicone Technique – Cold Curing

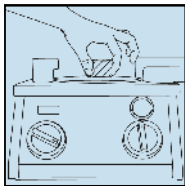
The proven technique with silicone cold-vulcanizing material egger flex/AB

Advantages:

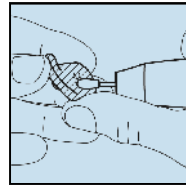
- *tensile, flexible silicone material*
- *available in different hardness degrees (shore), combinable with each other*
- *wide color selection*
- *egger AQUA and egger flex S-Pro for floatable splash protection earmolds*
- *suitable for earmolds and noise protectors*
- *low investment costs*
- *fast and flexible manufacturing process (no post-curing necessary)*
- *partially suitable for the direct adapting method (no negative mold necessary)*



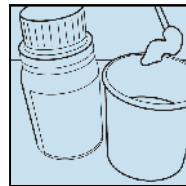
**1.** Fill egger flex/AB, AQUA, S-Pro with an inject pistol or an impression syringe into the negative mold



**2.** Cure material for about 15 minutes in a pressure pot



**3.** Take the blank out of negative mold and shape it with special egger EF-cutters (from page 231)



**4.** Varnish with hot-curing or air drying lacquer L, L nano (see page 133)

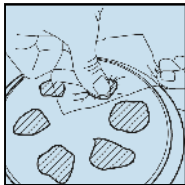


## Manufacturing Process – Silicone Technique – Hot Curing

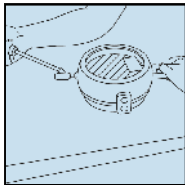
The versatile technique using the silicone hot-curing material egger flex

*Advantages:*

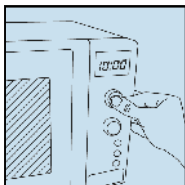
- *very tensile, flexible silicone material*
- *available in 30, 50, 70 shore*  
*(the lower the shore, the softer the material)*
- *wide color selection*
- *Catamaran for floatable splash protection earmolds*
- *for earmolds and hearing protectors*
- *notably economical in large numbers*



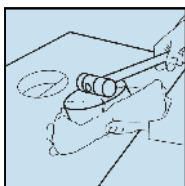
**1.** Fill the egger flex one-component material into plaster mold



**2.** Close the Micropol flask and fill it with compressed air



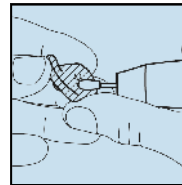
**3.** Cure material in microwave oven



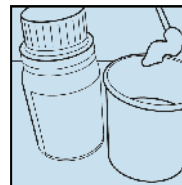
**4.** Take the blank out of flask



**5.** Temper the blank for approx. 8 hours in thermal oven at 170 °C (338 °F)



**6.** Shape the blank with special EF-cutters (from page 231)

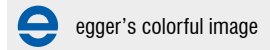


**7.** Varnish with hot-curing silicone lacquer H/II or lacquer opaco (see page 133)

## Silicone Technique – Cold Curing

### egger flex/AB

egger flex/AB is a high-quality and permanently elastic silicone for manufacturing tensile, soft-flexible BTE and noise protection earmolds. The different colors and shores are available and can be mixed with each other (e. g. for a soft auditory canal tip with a hard concha) egger flex/AB is usually processed with the indirect method using a negative mold (duplicating material or plaster). For a quick work process, we also offer the material with special formula for the direct use. Available colors: transparent and pink-transparent.



egger flex/AB materials, developed for the <b>indirect use in the laboratory with prolonged processing and curing times.</b> <i>Packaging unit:</i> 8 double cartridges à 2 x 25 ml		Shore A (Final degree of hardness after 1 hour)		
		<b>25 shore</b> Standard	<b>40 shore</b> Standard	<b>60 shore</b> S 50
	colorless-transparent	REF 20735	REF 20818	REF 20840
	reddish-transparent	REF 20801	REF 20810	REF 20841
	blue		REF 20704	REF 20843
	red		REF 20703	REF 20842
	yellow		REF 20709	
	green		REF 20708	REF 20844
	orange		REF 20719	
	pink		REF 20835	
	purple		REF 20836	
	beige		REF 20702	
	black		REF 20716	REF 20847
	white		REF 20707	
	yellow-fluorescent			REF 20845
	pink-fluorescent			REF 20846

egger flex/AB materials, especially developed for the <b>direct method with shorter process and curing times.</b> <b>Also suitable for the indirect method in the laboratory.</b> <i>Packaging unit:</i> 8 double cartridges à 2 x 25 ml		Shore A (Final degree of hardness after 1 hour)		
		<b>25 shore</b> Standard	<b>40 shore</b> Standard	<b>60 shore</b> Standard
	reddish-transparent	REF 20701	REF 20700	REF 20705
	colorless-transparent		REF 20718	

**egger AQUA**

egger AQUA is a floatable, elastic silicone for manufacturing splash and noise protection earmolds. The cold-curing material is extremely tensile and easy to use. egger AQUA is offered in different colors and can be used with the indirect method using a negative mold (duplicating material or plaster), as well as with the direct method.



egger AQUA, especially developed for the <b>direct method with a shorter processing and curing time.</b> <b>Also suitable for the indirect method in the laboratory.</b> <i>Packaging unit:</i> 8 double cartridges à 2 x 25 ml		Shore A (Final degree of hardness after 1 h)
		<b>35 shore</b> Standard
	red/blue – combination pack with 4 cartridges each	REF 36950
	red	REF 36951
	blue	REF 36952
	yellow	REF 36957
	green	REF 36958
	orange	REF 36959
	black	REF 36970
	white	REF 36971
	purple	REF 36972
	pink	REF 36973



For the necessary accessories, e. g. inject pistol, mixing canulas and more, please see our chapter on Impression Technique from page 102.



### egger flex S-Pro

egger flex S-Pro is a floatable, elastic silicone for splash and noise protection earmolds. The cold-curing material is very tensile and easy to use. Due to its extreme softness, the two components can be mixed easily. egger flex S-Pro is mixed manually and used in the egger impression syringe (REF 25500). The material can be used for the indirect method with a negative mold (duplicating material or plaster) or for the direct method.



egger flex S-Pro, especially developed for the <b>direct method with short processing and curing time.</b> <b>Also suitable for the indirect method in the laboratory.</b>		Shore A (Final degree of hardness after 1 h)	
		<b>40 shore</b>	
		2 x 100 ml (Set incl. 1 pair of measuring spoons)	<b>2 x 5 l</b>
	blue	REF 36985	REF 36990
	red	REF 36986	REF 36991


For necessary accessories, e.g. impression syringe and more, please see our chapter on Impression Technique from page 108.



### Pressure Pots

For manufacturing a bubble-free silicone earmold with the indirect method, we recommend vulcanizing the material in a pressure pot. For more information on these products, please see our chapter on Acrylics from page 210.

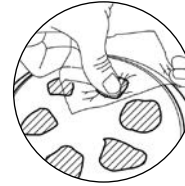





 Always under pressure

**Silicone Technique – Hot Curing**

**egger flex/70**

Kneadable one-component silicone material for manufacturing soft BTE and noise protection earmolds with a final degree of hardness of approx. 70 shore A. Suitable for vulcanization in the microwave or thermal oven. Combinable with egger flex/50.




Color	0.1 kg	0.2 kg	0.5 kg	1.0 kg
 pink-transparent	36003	36000	36001	36002
 red	36402	36401	36400	36409
 dark-blue	35802	35801	35800	35809



**egger flex/50, pink-transparent**

Kneadable one-component silicone material for manufacturing soft BTE and noise protection earmolds with a final degree of hardness of approx. 50 shore A. Suitable for vulcanization in the microwave or thermal oven. Combinable with egger flex/70.



<b>0.1 kg</b>	<b>36103</b> 
<b>0.2 kg</b>	<b>36100</b> 
<b>0.5 kg</b>	<b>36101</b> 
<b>1.0 kg</b>	<b>36102</b> 





**Microflex**

Addition-vulcanizing two-component silicone material with very soft composition for manufacturing permanently elastic BTE and noise protection earmolds with a final degree of hardness of approx. 30 shore A. Suitable for vulcanization in the microwave or thermal oven.







Mixing ratio A : B = 9 : 1

**pink-transparent** 1 kg + 10 ml hardener B  
**transparent** 1 kg + 100 ml hardener B

**35900**   
**35901** 

**Microflex Colored**, 500 g, component A (without hardener B)

yellow  
 blue  
 green  
 black  
 white  
 red

**35411**   
**35412**   
**35413**   
**35414**   
**35415**   
**35410** 

**Hardener B**

100 ml **35902**  
 250 ml **35420**

**Catamaran**, 400 g, component A (without hardener B)

Addition-vulcanizing two-component silicone material for manufacturing very soft-elastic, floatable splash protection and sound-absorbing earmolds. Suitable for hot-vulcanization in the microwave or thermal oven.

Mixing ratio A : B = 8 : 1

**red** **36928**   
**blue** **36922**   
**yellow** **36917** 

**Hardener B**, 100 ml **36906**



## Vacuum Mixing Units

On request we will be pleased to submit to you our offer on our vacuum mixing units, for mixing Microflex or Catamaran, with the most recent technical performance.



## Vulcanization

For the pressure polymerization unit "Micropol" and corresponding microwave needed for the curing process, please see our chapter on Acrylics see page 220/221.



## Accessories for the Silicone Technique Cold and Hot Curing

### egger Silicone Lacquers

We offer a variety of silicone lacquers for different application fields. Please see our detailed overview in chapter Service and Repairs on page 132/133.



### Grip Stencil Set

**36899**

Grip stencil for producing grip hollows on silicone earmolds, especially suited for hearing protection and splash protection earmolds. Can be used with the indirect and direct method for silicone cold-curing materials.

Set includes a small (Ø 12 mm) and a large grip stencil (Ø 15 mm).





**Mold Plate for Manufacturing  
Handles on Silicone Earmolds****36909**

The mold plate facilitates shaping handles for splash or noise protection earmolds. Thus, time and effort are reduced in manual processing. Usable for hot-curing silicone material as well as for the indirect method with cold-vulcanizing materials.

**Place Marker for Snap Ring Spring in Silicone Earmolds****90902**

For putting into the liquid silicone material to facilitate further elaboration. Suitable for cold-curing and hot-curing silicone materials.



ACRYL  
ICTE<sup>e</sup>CH  
NIQUE

Acrylic – a favorably priced and versatile material for manufacturing earmolds. Manufacturing earmolds using the cold polymerization procedure is a proven technique for successfully and efficiently manufacturing BTE earmolds, hearing protection and ITE shells of acrylics. In addition, the cold polymerization technique makes producing colored earmolds possible. Hard or soft, slightly colored or completely transparent – with the hot polymerization of acrylics, you can manufacture all kinds of earmolds. Hard and soft materials can also be combined. Using pressure and heat, earmolds with a high degree of hardness can be generated.

## Manufacturing Process – Cold Polymerization of Acrylics

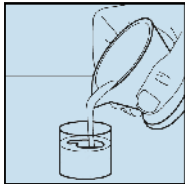
For the technique of cold polymerization, egger Acryl/B polymerizate is used.

Advantages:

- *impact-tough material*
- *available in pink-transparent, transparent, beige, neon colors, black and white*
- *suitable for the manufacturing of BTE earmolds, noise protection and ITE shells*
- *colorful designs are possible with the use of color concentrates*

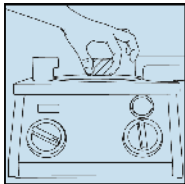


- 1.** Mix monomer and polymer (powder) to a ratio of 1:2 and add color concentrate if desired

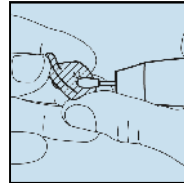


- 2.** Cast the mixed acrylate into the negative mold

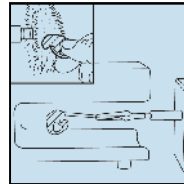
12 min. at 2–3 bar



- 3.** Harden the acrylate bubble-free in the pressure pot



- 4.** Take the blank out of the negative mold and shape it with special cutters (from page 224)



- 5.** Polish the surface (see page 234, 241/242) or varnish it with LP lacquers (see page 132)

## Manufacturing Process – Hot Polymerization of Acrylics

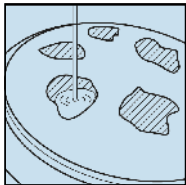
For this particular process different materials can be used. Polymerization usually occurs in the Micropol flask. The pressure pot Polymat now offers another possibility.

*Advantages:*

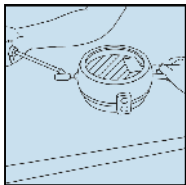
- *high degree of hardness*
- *available in pink-transparent, transparent and flesh-colored*
- *highly transparent after polishing*
- *suitable for manufacturing hard and soft, as well as combined earmolds (soft auditory canal, hard concha)*
- *notably economical in large numbers*



**1.** Mix monomer and polymer (powder) according to indicated mixing ratio

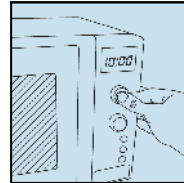


**2.** Cast the mixed acrylate into the plaster mold of the Micropol flask

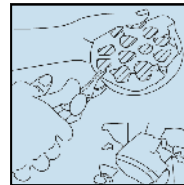


**3.** Close the Micropol flask and fill it with compressed air

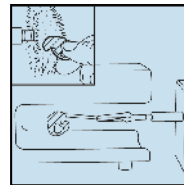
10 min. at 700 W



**4.** Let the material polymerize in the microwave for approx. 10 minutes



**5.** Take the blank out of the negative mold and shape it with special cutters (from page 224)



**6.** Polish the surface (see page 234, 241/242) or varnish it with LP lacquers (see page 132)

**egger Acryl/B**

Cold polymerizing acrylic material for the manufacturing of hard, fadeless earmolds. Free of amine and cadmium. Polymerization under pressure at a minimum of 2 bar and a maximum of 6 bar and at a temperature of 40 - 45 °C (104 - 113 °F). Polymerization time: 12 minutes.

Mixing ratio:

1 part monomer : 2 parts polymer

**egger Acryl/B Monomer (Liquid):**

250 ml

**33501**

500 ml

**33500**

**egger Acryl/B Polymer (Powder)**

**transparent**, 0.5 kg

**33000**

**pink/flesh-colored**, 0.5 kg

**33100**

**white**, 0.2 kg

**33061**

**black**, 0.2 kg

**33067**

**egger Acryl/B liquid (monomer)**, 250 ml, colored

Cold polymerizing acrylic material for the manufacturing of hard colored earmolds. To be mixed with egger Acryl/B Polymer transparent.

Mixing ratio:

1 part monomer : 2 parts polymer

**neon yellow**

**33070**



**yellow**

**33071**



**neon orange**

**33072**



**blue**

**33073**



**neon pink**

**33074**



**pink**

**33075**



**esmerald**

**33076**



**neon green**

**33077**



**turquoise**

**33078**



**violett**

**33079**



**red**

**33080**



**Fricotherm**

Hot polymerizing acrylic material for the manufacturing of high-quality hard earmolds by means of the microwave technique. Polymerization at a pressure of 7 bar in the Micropol 2000. Polymerization time: 10 minutes.

*Mixing ratio for 10 earmolds:* 28 g monomer : 50 g polymer

**Fricotherm Monomer (Liquid):****clear**

1 l

**33400****pink**

1 l

**33300****Fricotherm Polymer (Powder), colorless:**

1 kg

**33200**

5 kg

**33201**

10 kg

**33202****Varioflex**

Hot polymerizing acrylic material for the manufacturing of soft, with body temperature smooth acrylic earmolds for the microwave technique. Combined earmolds (soft auditory canal, hard concha) possible by combining with Fricotherm. Polymerization at 7 bar pressure in Micropol 2000. Polymerization time: 10 minutes.

*Mixing ratio:*

1 part monomer : 1 part polymer

**Varioflex – Monomer II (Liquid):**

1 l transparent

**34102**

1 l pink

**34101****Varioflex – Polymer (Powder):**

1 kg (colorless)

**34100**

**Dispenser Bottles for Liquids**

Bottles of transparent plastic for easy dosage, especially for monomer liquids.

<b>250 ml</b>	<b>47000</b>
<b>500 ml</b>	<b>47100</b>
<b>1000 ml</b>	<b>47200</b>

**Dispenser Bottle for Polymer, 250 ml**

For storing and dosing of polymers.

**46800****Measuring Beaker**

Plastic beaker with scale for dosing monomer materials.

<b>25 ml</b>	<b>48300</b>
<b>50 ml</b>	<b>48400</b>
<b>100 ml</b>	<b>48500</b>





**Mixing Cup**

Cup of flexible silicone for mixing monomer and polymer components. The 30 ml and the 70 ml cups are equipped with a practical pouring spout.

**5 ml****30 ml****70 ml****47800****47900****47700****Mixing Spatula**

For mixing synthetic components.

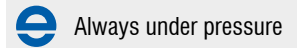
**small****large****26000****26100****Digital Timer**





Handy timer for the exact observation of curing times of ITE shells.

**68601**

## Application of Pressure Polymerization Units

The following table gives you an overview of pressure pots and their possible application fields.



Manufacturing step	Units			
	 Aquapress	 Acrylmat	 Polymat	 Micropol 2000
Material				
Negative mold of...				
Duplicating silicone	X	X	X	
Plaster				X
Manufacturing the blank of...				
Cold-cure acrylics	X	X	X	
Hot-cure acrylics			X	X
Cold-cure silicone	X	X	X	
Hot-cure silicone				X

**Aquapress****49800**

Pressure pot, manually operated and easy to handle. No compressed air and electricity supply required. Pressure up to 3 bar is generated by hand spindle.

*Pot diameter:* 100 mm

*Operation temperature:* up to 50 °C (122 °F)

*Spare parts for Aquapress:*

**Spare Pot****49805**

**Thrust Piece** (black) for hand spindle

**49806****Sealing Ring****49802****Acrylmat Pressure Pot****53600**

Polymerization pressure pot, incl. compressed air outlet. Pressure up to 2.2 bar, max. operating temperature 50 °C (122 °F) for hardening silicone negative molds and polymerizing cold-curing acrylics. Compressed air supply required.

*Inner diameter:* 200 mm

*Capacity:* 4 l

*Weight:* 3,7 l

**Spare Sealing Ring** for Acrylmat

**53603**

**Polymat, 230 V**

A pressure polymerization unit for the professional laboratory! Due to the amplified temperature range up to 120 °C (248 °F), cold-curing and hot-curing acrylics can be processed quickly. Also suitable for the manufacturing of bubble-free negative molds of silicone. The curing process of the material can be adjusted by stepless electronic temperature control as well as pressure (3-6 bar) and time (up to 60 min.) control. The outer heater is very durable and facilitates the cleaning of the corrosion-resistant stainless steel pressure pot. Water is withdrawn by a drain. A high safety level is provided by a pressure controller, pressure relief valve, pressure switch, temperature limiter and safety interlock. Electricity and compressed air supply required.

*Pot diameter:* 220 mm

*Dimensions:* W 380 x D 330 x H 330 mm

*Inner height of pot:* 190 mm

*Weight:* 24 kg

*Heating output:* 1500 W

**54200****Micropol 2000**

Pressure polymerization unit of chrome-hardened stainless steel for manufacturing earmolds (hard/soft, acrylics and silicones) by the means of microwave energy.

**64300****Air Charger****64706**

*Accessories:*

**Investment Kit for BTE Earmolds**

**64302**

**Cellophane Foil, 500 pieces**

**64304**

**Screwer for Valve**

**64306**

*Spare parts:*

**Rubber Membrane (Micropol 2000)**

**64310**

**Rubber Ring for Security Pane, gray**

**64309**

**Spare Valve**

**64205**

**Valve Insert**

**64204**

**Microwave Oven for Micropol****64709**

For quick polymerization of ITE shells and earmolds and for vulcanizing silicone earmolds in the special Micropol duplicating flasks, steplessly adjustable up to 850 W. Turntable included.

*Voltage:* 230 - 240 V

*Output:* 850 W

*Weight:* 17,4 kg

*Inner dimensions:* W 335 x H 200 x D 360 mm

*Outer dimensions:* W 520 x H 312 x D 442 mm

**Plaster Pliers****44000**

For removing earmolds out of the plaster negative molds.

**egger LP Lacquers**

Numerous UV-curing lacquers for various uses are described in a detailed list in our wide selection of lacquers in the chapter on Services and Repairs see page 132/133.



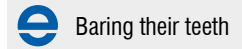
SHAPING  
AND SUR  
FACE **e** PO  
LISHING




Precision tools can execute delicate operations on the earmold. Thus the earmold becomes comfortable to touch and wear. Specialty tools and polishing agents facilitate the perfect finish of surfaces. egger special tools are suited to meet the requirements of the different earmold materials. The result: The work on the earmold is easily executed and produces high quality results.

## SHAPING AND SURFACE POLISHING

**egger Offers the Right Tool for Every Material.**

The egger specialty tools provide a high-quality manufacturing result! The following table will help you choose the drills and cutters that are right for you, so you will be able to quickly find the tools you are looking for in egger's wide product range!



	Toothing		
			
Material	x-cut from page 226/227	plain cut from page 228 - 230	cross cut from page 231/232
hard UV-polymerizate	X	X	
hard acrylic material	X	X	
soft UV-polymerizate			X
soft acrylic material	X		
silicone			X

All of our offered tools have a shank of 2.35 mm in diameter.

The disinfectant products of our cedis Profi product range are also suitable for use during the reworking of earmolds. For the complete cedis Profi product range, please see pages 88 - 95.

**Giving You the Right Tool for Every Need: Drill Sets.**

They will provide you with all the necessary tools needed for the shaping of both, hard and soft earmold materials.

Profit from our favorably priced sets!

The know-how of our experienced lab is knowledge you can trust.



**Usage and Safety Information for the Operation of Rotating Tools:**

- Insert instrument as deeply as possible.
- Avoid jamming or levering the instrument.
- Discard bent, damaged or not properly functioning instruments.
- Observe recommended operating speed (see product description). If operating speed is exceeded, safety risk increases.
- To avoid damaging tools, do not apply too much pressure while working with the instrument.
- Use personal protective equipment.  
Respiratory protection: Ventilation (from page 250)  
Eye protection: Snug-fitting safety goggles (from page 244)  
Hand protection: Suitable protective gloves (from page 244) or skin protection products
- Please clean the collet chuck of the hand piece regularly, at least once a week.

Hand cleansing and skin care products are available from page 90.

**Drill Set for Hard Earmold Materials****70060**

Drill set for shaping hard earmold materials. It is also suitable for soft, hot-curing polymerizates. This set gives you a great price advantage opposed to purchasing the drills separately!

Contents:

- 1 x REF 72900: Carbide Cutter, 4.0 mm
- 1 x REF 72800: Carbide Cutter, 6.0 mm
- 1 x REF 76501: Carbide Cutter, ball-shaped, 5.0 mm
- 1 x REF 76502: Carbide Cutter, ball-shaped, 8.0 mm
- 1 x REF 76600: Twist Drill, cylindrical, 0.8 mm
- 1 x REF 72300: Twist Drill, cylindrical, 1.0 mm
- 1 x REF 72400: Twist Drill, cylindrical, 1.4 mm
- 1 x REF 76700: Twist Drill, cylindrical, 2.0 mm
- 1 x REF 77000: Twist Drill, cylindrical, 2.5 mm
- 1 x REF 70200: Bur, round, 2.5 mm
- 1 x REF 70300: Bur, round, 2.9 mm
- 1 x REF 73100: Sand Paper Holder, short



Please consider each tool's maximum operating speed!

**Drill Set for Soft Earmold Materials****70070**

Drill set for shaping soft earmolds (Silicone). This set gives you a great price advantage opposed to purchasing the drills separately!

Contents:

- 1 x REF 77200: Trimmer, pear-shaped
- 1 x REF 76300: EF-Cutter, pointed, 4.0 mm
- 1 x REF 76000: EF-Cutter, ball-shaped, 4.0 mm
- 1 x REF 71400: EF-Cutter, ball-shaped, 7.0 mm
- 1 x REF 71200: EF-Cutter, round bur, 1.4 mm
- 1 x REF 72200: EF-Cutter, round bur, 2.9 mm
- 1 x REF 76600: Twist Drill, cylindrical, 0.8 mm
- 1 x REF 72300: Twist Drill, cylindrical, 1.0 mm
- 1 x REF 72400: Twist Drill, cylindrical, 1.4 mm
- 1 x REF 76700: Twist Drill, cylindrical, 2.0 mm
- 1 x REF 77000: Twist Drill, cylindrical, 2.5 mm
- 1 x REF 73100: Sand Paper Holder, short



Please consider each tool's maximum operating speed!

**Carbide Cutter**

Staggered toothing cutter for working on hard acrylics, also suitable for soft hot-polymerizates. Carbide tools are characterized especially by their high durability, stability and efficient work performance.

Please consider maximum operating speed:

Diameter: 2.3–4.5 mm    40000 rpm

Diameter: 4.5–8.0 mm    30000 rpm

**Carbide Cutter**

Ø 2.3 mm

**Carbide Cutter**

Ø 4.0 mm

Ø 5.0 mm

**Carbide Cutter, pointed**

Ø 6.0 mm

**Carbide Cutter, cylindrical**

Ø 6.0 mm

**Carbide Cutter, ball-shaped**

Ø 5.0 mm

Ø 6.0 mm

Ø 8.0 mm

**76400****72900****77500****72800****72700****76501****76500****76502**

76400

72900

72800

72700

76500

76900

**HM Face-Plate-Trimmer**

Ø 2.3 mm

**76900**

**Left-Turning Carbide Cutters**

Suitable for left-handed people, to be used with counter-clockwise control units. Please consider maximum operating speed of 30000 rpm!

**Carbide Bur, round**

Ø 0.8 mm

**76509**

Ø 1.4 mm

**76510**

**Carbide Cutter**

Ø 2.3 mm

**76511**

**Carbide Cutter**

Ø 4.0 mm

**76512**

**Carbide Cutter, fine-toothed**

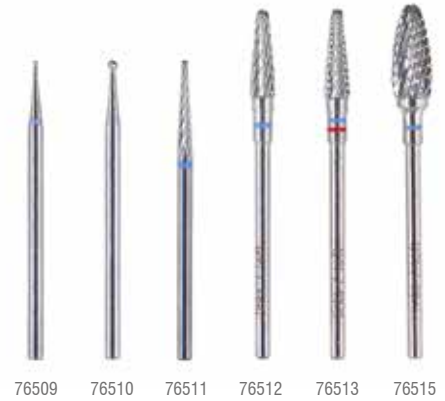
Ø 4.0 mm

**76513**

**Carbide Cutter**

Ø 6.0 mm

**76515**

**Twist Drill, cylindrical**

Please consider maximum operating speed of 30000 rpm!

Ø 0.6 mm

**72100**

Ø 0.8 mm

**76600**

Ø 1.0 mm

**72300**

Ø 1.2 mm

**72500**

Ø 1.4 mm

**72400**

Ø 1.6 mm

**72510**

Ø 2.0 mm

**76700**

Ø 2.35 mm

**72600**

Ø 2.5 mm

**77000**

Ø 2.9 mm

**76800**



**Twist drill, short (7.5 mm cutting surface)**

Please consider maximum operating speed of 30,000 rpm!

Ø 0.5 mm

**72610****Steel Cutters with Plain Cut****Bur, round**

Please consider maximum operating speed of 30,000 rpm!

Ø 0.8 mm

**70001**

Ø 1.0 mm

**70002**

Ø 1.2 mm

**70003**

Ø 1.4 mm

**70000**

Ø 1.8 mm

**70004**

Ø 2.1 mm

**70100**

Ø 2.3 mm

**70006**

Ø 2.5 mm

**70200**

Ø 2.9 mm

**70300**

Ø 3.1 mm

**70005**

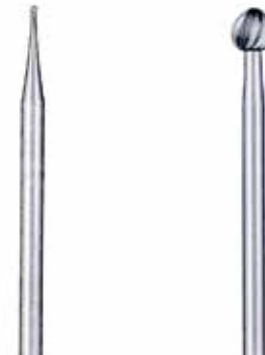
Ø 3.5 mm

**70400**

Ø 4.0 mm

**70500**

Ø 4.7 mm

**75200****Cutter, ball-shaped**

Please consider maximum operating speed of 20,000 rpm!

Ø 5.0 mm

**75300**

Ø 6.0 mm

**73700**

Ø 7.0 mm

**70600**

**Cutter, pear-shaped**

Please consider maximum operating speed of 30,000 rpm!

Ø 4.0 mm

Ø 6.0 mm

**75500****70800****Cutter, cylindrical**

Please consider maximum operating speed of 30,000 rpm!

Ø 5.0 mm

Ø 6.0 mm

**75100****75700****Cutter, pointed**

Please consider maximum operating speed of 30,000 rpm!

Ø 4.0 mm

Ø 5.0 mm

**70900****71000**

**Cutter, oval**

Suited for the shaping of grip handles or cerumen hollows or for use in the cymba area.

Please consider maximum operating speed of 20,000 rpm!

Ø 6.0 mm

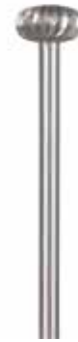
**75900**

Ø 7.0 mm

**75401**

Ø 8.0 mm

**70700**

**Positioning Bur for Snap Ring, 8.0 mm**

**73300**

Please consider maximum operating speed of 20,000 rpm!

**Trimmer, assembled**

For shaping and finishing silicone earmolds and impressions.

Please consider maximum operating speed of 40,000 rpm!

**pear-shaped**

**77200**

**pointed and narrow**

**77201**

**Square Stone**

**49600**

For shaping trimmers and rubber polishers.



**EF-Cutter**

For working on silicone earmolds, e.g. made of egger flex (EF) silicone materials.

**EF-Cutter, ball-shaped**

Please consider maximum operating speed of 40,000 rpm!

Ø 4.0 mm	<b>76000</b>
Ø 5.0 mm	<b>76100</b>
Ø 7.0 mm	<b>71400</b>

**EF-Bur, round**

Please consider maximum operating speed of 40,000 rpm!

Ø 1.0 mm	<b>71100</b>
Ø 1.4 mm	<b>71200</b>
Ø 1.8 mm	<b>75800</b>
Ø 2.3 mm	<b>71300</b>
Ø 2.9 mm	<b>72200</b>

**EF-Cutter, cylindrical**

Please consider maximum operating speed of 40,000 rpm!

Ø 5.0 mm	<b>71700</b>
Ø 6.0 mm	<b>71800</b>



*The following EF-cutters are especially suited for the shaping of grip handles or cerumen hollows or for use in the cymba area.*

**EF-Cutter, oval**

Please consider maximum operating speed of 40,000 rpm!

Ø 5.0 mm

**71500**

Ø 6.0 mm

**73900**

Ø 8.0 mm

**71600**

**EF-Cutter, pear-shaped**

Please consider maximum operating speed of 40,000 rpm!

Ø 5.0 mm

**76200**

Ø 6.0 mm

**71900**

**EF-Cutter, pointed**

Please consider maximum operating speed of 40,000 rpm!

Ø 4.0 mm

**76300**

Ø 5.0 mm

**72000**





### Grinding Sleeve Holder and Grinding Sleeves

For shaping and finishing silicone earmolds.  
Please consider maximum operating speed of 30,000 rpm!

<b>Grinding Sleeve Holder</b> large	<b>49201</b>
<b>Grinding Sleeve Holder</b> small	<b>49200</b>
<b>Grinding Sleeves</b> large (Ø 8 mm)	<b>49301</b>
<b>Grinding Sleeves</b> small (Ø 6 mm)	<b>49300</b>



### Sand Paper Holder

Please consider maximum operating speed of 20,000 rpm!

<b>short</b>	<b>73100</b>
<b>conical</b>	<b>73000</b>



### Corundum Paper

Orange, grinding, sharp-edged grit  
Width: 15 mm, roll length: 50 m

<b>180 grit</b> , coarse	<b>40704</b>
<b>220 grit</b> , fine	<b>40602</b>



### Abrasive Cloth

Brown, grinding, sharp-edged grit. Due to the grit size, the abrasive lasts longer.  
Width: 15 mm, roll length: 50 m

<b>120 grit</b> , coarse	<b>40606</b>
<b>220 grit</b> , fine	<b>40607</b>
<b>320 grit</b> , extra fine	<b>40605</b>



**Polishing Disc, assembled** – for the hand piece  
 Ø 20 mm, for repolishing.  
 Please consider maximum operating speed of 10,000 rpm!

<b>leather</b>	<b>74100</b>
<b>flannel</b>	<b>74000</b>
<b>wool</b>	<b>74101</b>



**Polishing Paste P3, 60 g** **49700**  
 Dry polishing agent for mirror-polishing of acrylic earmolds. For the use with polishing disc.



**Rubber Polisher, gray**  
 For fine grinding of hard acrylics.  
 Please consider maximum operating speed of 10,000 rpm!

<b>Pointed, assembled</b>	<b>49402</b>
<b>Cylinder, assembled</b>	<b>49401</b>
<b>Disc, not assembled (for mandrel REF 73600)</b>	<b>49500</b>



**Mandrel for Rubber Polisher (REF 49500)** **73600**  
 Please consider maximum operating speed of 30,000 rpm!



**Drill Stand with Fold-Away Lid**

Practical storage stand for up to 23 drills. Due to the fold-away lid this stand can be taken anywhere.

**74611****Tool Stand**

Practical storage stand for up to 24 drills. Made of high-quality multiplex material (birch).

**74610****Magnetic Rack****74600**

LABORATO  
RYeQUIPM  
ENTANDFU  
RNITURE

High-performance devices for work operations in  
**LABORATORY EQUIPMENT AND FURNITURE**  
the laboratory. The machines are specialized in  
their tasks. Easy to maintain, available with all the  
necessary accessories. The protection products  
are designed to meet the special requirements  
and increase the workplace safety and protect  
your health. Thus they are an important element  
for sustainable success. For professionals, by pro-  
fessionals. Ergonomic furniture in modular units  
for the entire laboratory: Practical workbenches  
that contain everything you need, friendly lighting  
that makes concentrated and precise working  
over longer periods possible, and efficient suction  
systems for a clean atmosphere.

## Technical devices

### Perfecta 300

Technical unit with hand piece and control unit. Equipped with a powerful motor and a high maximum torque (5.5 Ncm). The brushless and maintenance-free engine runs extremely silent and reduces vibrations to a minimum. Suitable for all work areas and types of material. Reversible left-right rotation. The technical unit with a favorable cost-performance is available as foot-operated or bench-top model and on special request also as knee-controlled version!

#### Foot-Operated Model 230 V

Also available as a 115 V device.

#### Scope of delivery:

control unit, motor hand piece and hand piece rest operating speed range: 1000-40000 rpm, collet chuck Ø 2.35 mm

Optionally, the foot-operated model can be equipped with a separate control element.

#### Control Element for MF-Perfecta 300

All settings are made with this control element, e.g. activating the reverse operation mode. Functions and operating conditions such as the current speed are constantly in sight on the display. This saves space and improves safety and comfort.

#### Bench-Top Device, including control element 230 V

Also available as a 115 V device.


#### Scope of delivery:

control unit, pedal, control element, hand piece and hand piece rest, wall holder for control element operating speed range: 1000-40000 rpm, collet chuck: Ø 2.35 mm

Max. torque: 5.5 Ncm

Hand piece length: 138 mm

Hand piece weight: 320 g

 Always the right turn

55242



55243



55240



## Perfecta 600

Technical unit with hand piece and control unit. The Perfecta 600 is equipped with an integrated blowing out function. By pressing a button, the hand piece can be freed from excessive material particles (compressed-air supply required!). Equipped with a powerful motor and a high maximum torque (7.8 Ncm). The brushless and maintenance-free engine runs extremely silent and reduces vibrations to a minimum. Suitable for all work areas and types of material. Reversible left-right rotation. The technical unit is available as foot-operated or bench-top model and on special request also as knee-controlled version!

### Foot-Operated Model 230 V

Also available as a 115 V device.

#### *Scope of delivery:*

control unit, motor hand piece and hand piece rest; operating speed range of 1000 - 50000 rpm, collet chuck: Ø 2.35 mm

Optionally, the foot-operated model can be equipped with a separate control element.

### Control Element for MF-Perfecta 600

All settings are made with this control element, e.g. activating the reverse operation mode. Functions and operating conditions such as the current speed are constantly in sight on the display. This saves space and improves safety and comfort.

### Bench-Top Device, including control element 230 V

Also available as a 115 V device.


#### *Scope of delivery:*

control unit, pedal, control element, hand piece and hand piece rest, wall holder for control element; operating speed range of 1000 - 50000 rpm, collet chuck: Ø 2.35 mm

*Max. torque:* 7.8 Ncm

*Hand piece length:* 138 mm

*Hand piece weight:* 350 g

 ... and they keep on turning

55247



55248



55245



**KaVo K5plus**

Light-weight and ergonomically shaped hand piece for a comfortable work experience without fatigue. The ball bearings and collet chuck can be exchanged easily, the front ball bearing is protected against dust.

**Foot-Operated Model****230 V****55250**

**Also available as a 115 V device.**

On special request also available as knee-controlled version.

Scope of delivery:

Includes hand piece and hand piece rest.

Pre-selectable speed: 1,000 - 35,000 rpm (clockwise rotation),  
max. torque 4.5 Ncm, collet chuck Ø 2.35 mm

Max. torque: 4.5 Ncm

Hand piece length: 149 mm

Hand piece weight: 216 g (cable 103 g)

Accessories for KaVo:**Cover for KaVo handpieces****55238**

Protective cover is suitable for all K-hand pieces

**Care kit for K4/K5/K12/K9 – hand pieces with brush****55007****Mini Control Unit with Case, 230 V****55600**

Mobile unit – ideal for home visits. Only suitable for refinishing operations.

**Also available as a 115 V device.**

Rpm range: 2,000 - 12,000 rpm

Weight: 1.8 kg





**Technical unit FORTE 400 (foot operated)****55061**

Suitable for the shaping of hard acrylic as well as soft silicone materials in small quantities with a good price-performance ratio. Brushfree, compact and very light-weighted and ergonomically shaped hand piece with micro-motor for a comfortable work experience without fatigue. Simple handling with freely adjustable speed counter range of 1,000 – 50,000 rpm. Reversible right-left run. Operated by foot pedal or control unit. Including overload protection with automatic motor shutoff. The technical unit can be used for mains voltage of 230 V.

Scope of delivery:

Benchtop control unit with micro-motor hand piece, hand piece rest and foot pedal, collet chuck Ø 2.35 mm.

Speed range: 1,000 - 50,000 rpm

Hand piece length: 165 mm

Hand piece weight: 224 g

Max. torque: 7.8 Ncm

**Polishing and Grinding****Polishing Motor WSM2, 230 V****60000**

High-performance, durable motor, silent-running and maintenance-free machine, slip-resistant stand due to its considerable dead weight, 2 different speeds possible (1,500 und 3,000 rpm.). Delivery includes 2 spindles.

We will be pleased to also offer you a polishing box with integrated suction unit and lighting. Please ask us for an offer on our current model.



**SU Polishing Trough**

Hard rubber tray for collecting polishing abrasives and abrasive dusts, incl. height-adjustable window of safety glass and connecting branch for suction.

**60100**Accessories:**Insert Tray****60102****Adapter** for suction hose**60103**Accessories for polishing motor:**Buffing Wheel**

Suitable for wet polishing with Steribim and dry polishing agents.

**with Plastic Center, Ø 100 mm****48001****with Leather Center, Ø 100 mm****48000****Buffing Wheel, flannel**

For high gloss polishing with polishing paste P3.

**with Plastic Center Ø 100 mm****48002****Abrasive Stone, red - for polishing motor**

For an efficient finishing of blanks. Abrasive stone holder necessary!

**Ø 85 mm****77100****Abrasive Stone Holder****left side****60201****right side****60202**

**Abrasive Wheel for Polishing Motor**

For the face grinding of shells for ITE hearing aids, including 2 spare grinding discs, 180 grit.

**681180****Spare Grinding Discs for Abrasive Wheel, 2 pieces**

180 grit

120 grit

**68105****68155**

Polishing motor not included in delivery.

**Frontal Grinder**

Especially suitable for plane-grinding ITE shells for ITE hearing aids. Powerful motor and operation without vibration. Abrasive wheels are adhesive and can be removed effortlessly after use. Includes pipe nozzle for connecting the device to a suction hose for a dust-free work process. Includes 2 grinding wheels each of grit 150 and 240.

**68130***Spare parts:*

**Abrasive wheels**, grit 150, 5 pieces

**Abrasive wheels**, grit 240, 5 pieces

**68131****68132****Wet Polishing Agent**

Steribim – germicidal pumice paste, gives acrylic earmolds a silky shine.

1 kg (2x500 g)

10 kg

**49000****49001****Dry Polishing Agent**

Polishing paste P3 – Dry polishing agent for mirror-polishing of acrylic earmolds.

**49700**

60 g



**Products for Work Safety***Eye protection***Safety Goggles**

With a solid, light-weight nylon frame and length-adjustable temples for a good fit. The glasses remain mist-free, are chemical- and UV-resistant as well as anti-static.

**74700****Safety Visor**

Band individually adjustable.

**74900****Spare Visor**

For safety visor, 0.8 mm thick.

**74901***Face mask***Dust Respirator**, pre-cast, 10 pieces

The pre-cast dust respirator complies with EN 149:2001, protection category FFP2. A integrated valve ensures better ventilation and thus prevents the misting up of glasses.

**74810***Skin protection***Disposable Nitrile Gloves**, 100 pieces

Ideal for daily use in the shop or laboratory. Free of powder, color: white, length: approx. 245 mm. Compliant with EN 455.

**small****75004****medium****75005****large****75006**

Please also consider our cedis Profi CARE – the lotion for the cosmetic care of hands and skin of our cedis care program. For the complete cedis Profi range, please see pages 88-95.



### Compressors and Accessories

#### Compressor Silent 30, 230 V

64605

Small, portable compressor with compact piston-type motor, silent-running machine (approx. 30 dB), 30 l/min induction power, individually adjustable pressure up to 8 bar, motor performance 200 W, 4 l capacity, automatic operation with quick coupling system for connecting pneumatic equipment – sufficient for 1 compressed air user!

*Weight:* 19 kg

*Dimensions:* W 410 x D 190 x H 435 mm



#### AirPower Service set – compact compressor “Silent 30”

646051

includes spiral hose for compressed air and air pistol

Portable, high-performance, low-noise (30 dB) operating pneumatic compressor for innovative service in the acoustician shop. With the practical air pistol with conical, slim jet, deposits and moisture are easily removed from all sound tubes and sound canal bores / ventings.



**Compressor Silver Line L-S50-15, 230 V****64640**

Runs with virtually no noise (approx. 45 dB), 50 l/min suction power, individually adjustable pressure up to 8 bar, motor performance: 340 W, capacity: 15 l, automatic operation, with quick coupling system for connecting pneumatic equipment.

*Weight:* 27,0 kg

*Dimensions:* W 400 x D 400 x H 490 mm

*Accessories for compressors:***Air Pistol****69930**

Incl. a compressed-air hose, 170 cm, and a plug-on pipe for quick coupling.

**Quick Coupling**, with thread, 6 mm

**64615**

**Plug-On Pipe** with thread, 6 mm

**64617**

**Compressed-Air Hose**, 6 x 8 mm, 1 m

**64618**

**Elbow Joint**, 6 x 8 mm

**64610**

**T-Joint**, 6 x 8 mm

**64612**

**Filter Pressure Reducer 3/8"**

**64621**

with thread for 6 x 8 mm tube

More accessories available on request.

**Compressor Oil for Silent-Running Compressors****0.5 l****646362****1 l****64625**

## Ultrasonic Cleaning Devices

### Elmasonic S 10, 230 V

Practical, powerful ultrasonic cleaning device with a great cost-performance ratio. Ideal for sales counters or fitting rooms. Attractive design with easy-care stainless steel shell and electronic timer.

**86210**

**Also available as a 115 V device.**

### Elmasonic S 10/H, 230 V

Same model as Elmasonic S 10, with selectable heating element (ca. 60 °C/ approx. 140 °F), continuous maximum power output per period 2 x 60 W.

**86211**

**Also available as a 115 V device.**

#### Accessories for S 10:

**Holder Basket**, angular

**86222**

**Stainless Steel Insert** for 2 glass beakers

**86304**

**Cleansing Glass Beaker** with lid, 600 ml

**86303**

**Stainless Steel Dipping Basket** for cleaning glass beaker

**86302**



### Glass Beakers for Ultrasonic Bath, 50 ml

The ideal supplement for a professional cleaning of earmolds!

**10 pieces**

**85208**



## Other Models of Ultrasonic Devices

On request, we can also offer you larger ultrasonic devices (ideal for 3D print or rapid prototyping) with matching accessories. Please inform us about the requirements. We will then promptly send you a quotation for our current models.

**Ultrasonic Cleaner Elmasonic S 30/H**  
**Ultrasonic Cleaner Elmasonic S 100/H**

**86231**  
**862316**



## Concentrates for Ultrasonic Cleaning Devices

For disinfecting earmolds quickly and safely we recommend:

### Cleaning Agent "EC 10"

Universal cleaning concentrate for cleaning earmolds, instruments and tools; does not react aggressively and does not attack any materials (Be cautious with aluminum surfaces!).

*Dosing:* 1 part concentrate : 9 parts water

**1 l**

**86200**





## Ventilettes

For bending sound tubes for an anatomically exact and individual fitting.

### Ventilette – Standard

Delivery includes beaker and spot heating nozzle. Temperature above nozzle: 300 °C (572 °F), in beaker 250 °C (482 °F).

**230 V, white**

**230 V, silver-metallic**

**230 V, black-metallic**

**230 V, ruby-red**

**65200**

**65212**

**65213**

**65214**



**In white, also available as a 115 V device.**

*Output:* 250 W

*Height with jar:* 225 mm

*Weight:* 1.6 kg

*Dimensions with base:* 100 x 150 mm

*Accessories for Ventilette Standard:*

**Hot Air Nozzle**

**Melting pot**

**65201**

**65203**



### Ventilette – Electronic, 230 V, white

**65300**

With electronically controlled temperature pre-selection unit, heat sensor and protective motor switch. Delivery includes beaker and spot heating nozzle, temperature above nozzle: 70 °C – max. 180 °C (158 – max. 365 °F), over beaker 55 ° – max. 155 °C (131 – max. 311 °F).

**Also available as a 115 V device.**

*Output:* 300 W

*Height with jar:* 225 mm

*Weight:* 1.7 kg

*Dimensions with base:* 100 x 150 mm



## Suction Units

Using a modern suction unit and optimizing suction systems can considerably reduce dust loading. We offer a variety of suction units so you can choose the best solution that is right for your needs. All our units fulfill the regulations of the IFA (Institute for Occupational Safety and Health of the German Social Accident Insurance) according to IEC 60335-2-69 dust class M.

Being able to breathe freely during grinding operations – this is essential for concentration and health. High-quality suction units provide clean air, remove unhealthy dust particles and reduce annoying odors.

- The double-filter system protects your health and prevents the suction motor from clogging up.
- The integrated automatism keeps the suction power at a constant level, regardless of the filter contamination level.
- Large filters and a quick filter exchange system ensure an economically advantageous use.
- Extremely quiet operation.



### Automatic Mobile Suction Unit

Proven safety at the workplace does not need to be expensive!

Single-bench suction unit for under-table installation and mobile use (free-standing with handle). Ideally suited for the shop or manufacturing of ear-molds in small quantities.

All suction units are equipped with a two-fold filter system. Coarse dirt is collected in a filter bag, the fine filter offers additional protection against smallest dust particles.

The compact unit provides:

- a freely adjustable, electronic suction performance
- automatic shut-off when filter is full
- automatic start/ stop function according to the control unit
- controllable suction capacity of 18- 35 l/sec

#### Scope of delivery:

80 cm suction hose, filter bag and fine filter, 1 pair of spare coals

#### **with Handle:**

230 V

**62901**

**Also available as a 115 V device.**

Weight: 18 kg

Dimensions: W 256 x D 400 x H 435 mm



The flexibles



with handle

**for Installation Under Table** (mounting plate included):  
230 V

**62906**

**Also available as a 115 V device.**

*Weight:* 18 kg

*Dimensions:* W 256 x D 400 x H 415 mm

***Accessories:***

The active carbon filter offers additional protection against monomer vapors. The active carbon filter absorbs toxic vapors that emerge during e. g. the handling of acrylics and mixing of monomers. It is a refillable cartridge box. The active carbon should be exchanged regularly (with continuous operation after approx. three months).

The active carbon filter replaces the fine filter.



for installation under table

**Active Carbon Filter**  
**Refill Pack** active carbon

**62904****62909**

**Spare Filter**, 3 pieces

**62802**

**Pair of spare coils for mobile suction unit**  
up to serial no. xx-7485-00  
for suction unit A40 up to serial no. xx-1716-00

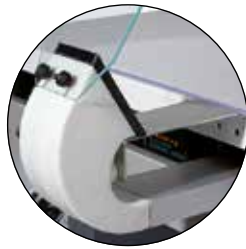
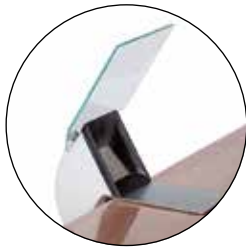
**62504**

**Pair of spare coils for mobile suction unit**  
from serial no. xx-7486-00  
for suction unit A40 from serial no. xx-1717-00

**62512**

**Suction Funnel R1200**

Incl. extendable rectangular pipe. The plug-in suction funnel R1200 is used together with the extendable rectangular pipe. The special construction guarantees an efficient suction performance while at the same time reducing noise to a minimum. The suction funnel is equipped with an extra large safety shield (H 250 x W 200 mm). The rectangular pipe can be mounted easily under the work bench (W 80 x H 30 mm, extendable length 430 - 540 mm).

**62720**Accessories:**Spare Protection Glass Shield** for suction funnel R1200**62723****Suction Funnel SH-1 mobile**

Can be used on every work bench without the need for permanent installation. The heavy base with a skid-proof, rubberized bottom can be used on the bench in every position. Protection shield (140 x 140 mm) included. Coupling to the suction system with the suction hose.

**62718**Accessories:**Spare Protection Glass Shield** for suction funnel SH-1 mobile**62719**

**L Protect** – protective glass with LED lighting

for shaping and for service work stations

L Protect offers the ideal combination of anti-glare lighting at the workplace with maximum safety. This offers the following persuasive strong points:

- bright illumination free of shade (brighter than two 60 W bulbs)
- long-life and energy-saving LED illuminants
- protective glass made out of ESG safety glass protects against dust and shavings
- compatible with almost all current suction devices (delivery includes adapter)
- simple separation of LED frame and protective glass, of necessary; no tools needed
- optional: table tripod for independent mobile use (e.g. for customer visits)

*Scope of delivery:* protective glass, illumination frame with LED lamps, clip, power supply and adapter plate for various suction hoods

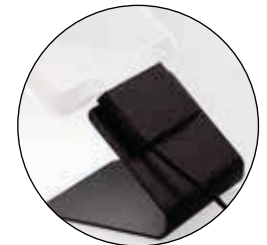
*Dimensions:* H 240 x W 190 mm

*Voltage:* 100 - 240 V

*Accessories:*

**Spare protective glass** for L Protect

**Table tripod** for L Protect

**62733****627331**  
**62734****Sound Damper, round**, for installation in the suction hose

Suitable for all current egger suction funnels, e.g. R1200, A90, SH-1 mobile and ADC mobile. Noise reduction up to 18 dB is possible. The sound damper should be installed directly before coupling to the suction funnel or the rectangular pipe (if included).

**62725****Sound Damper for Suction Funnel R1200**

The suction noise at the suction funnel can be damped up to 15 dB (similar to the former A90 system). The sound damper only has to be inserted into the rectangular pipe at the coupling of the suction funnel R1200.

**62724**

**Workbench Pad**

for F20, semi-round, transparent, 80 x 46 cm

Workbench is not included.

**69649****Ergonomic Forearm Rests for CAD Working Places**

Once tested you will never want to work without them again – the easy to use arm rests available from egger for modeling works (operation with 3D/PC mouse). With their ergonomic design and placement on the table edge, the rests help to reduce the tendency of hands falling asleep or the formation of pressure points on the forearms. In addition, they assist in keeping a healthy posture and prevent tensions in the neck and back area. The high-quality, black silver-ion fabric cover is anti-bacterial, odor-resistant and anti-static. To clean simply wipe it with a moist cloth. Optional: slide stoppers can be attached on the smooth bottom of the armrest.

**69670****Suction Hose, Ø 40 mm, 1 meter****62902****Y-Connection for Suction Hose****62903**

## Workstation Lighting

Working on earmolds demands precision and concentration. Good light is indispensable at every hour of the day. The F1 90/55 single-user lighting brings light to the spot that requires your attention.

- The especially designed reflector illuminates the workstation without dazzling.
- The energy-saving lamp provides jitter- and streak-free daylight
- The metal frame protects against reflexes and bundles the light
- Height-adjustable tripod
- Electronic components guarantee a long life expectancy and high economic efficiency

Please also consider our cedis Profi product range for work safety, hand and skin care, which is part of our cedis care programm. For the complete product range, please see pages 88 - 95.

**Workstation Lighting F1 90/55**, Tripod on the left-hand side, white  
Height-adjustable and swiveling single-user lighting with energy-saving light tube and integrated double outlet. Easy mounting on all workbenches. Also available in black. Light color daylight 12, 1400 - 6500 Lux (measured at a height of 750 - 300 mm).

### 230 V

**Working place lighting F1 90/LED**, Tripod on the left-hand side, white, with 36 LEDs (47 W)  
Color temperature neutral white 5000 Kelvin, illumination performance 2000 - 10000 lux, dimmable.

**Working place lighting F1 90/LED**, Tripod on the left-hand side, silver, with 36 LEDs (47 W)  
Color temperature neutral white 5000 Kelvin, illumination performance 2000 - 10000 lux, dimmable.

**Also available as a 115 V device.**



with double socket

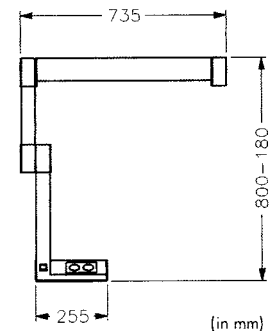
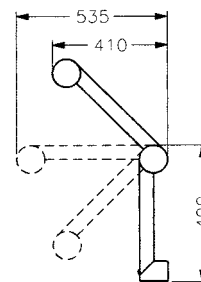


Easy mounting

69607

696072

696071



(in mm)

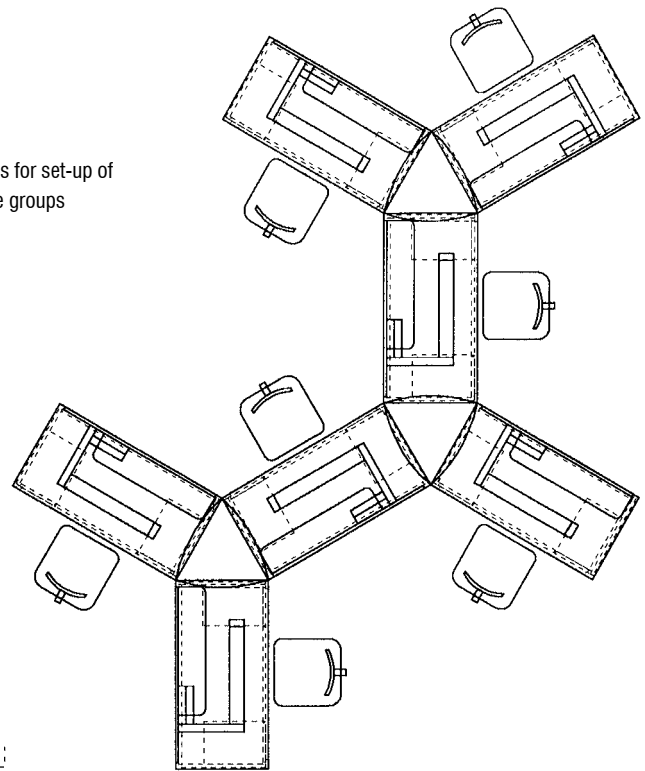
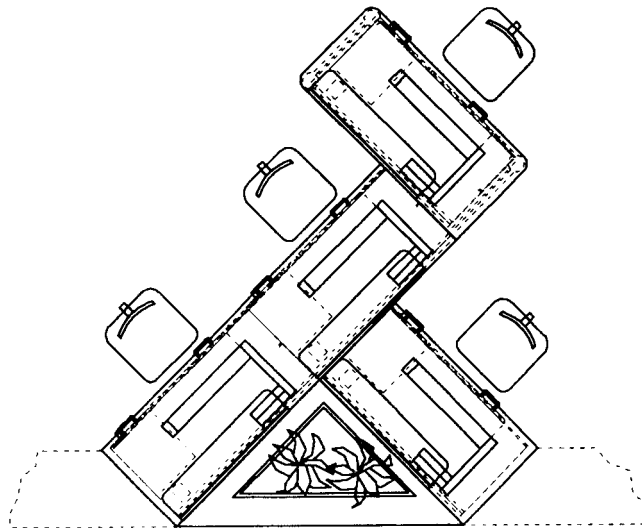
## Technical Workbenches

Having everything at one's fingertips – at the well thought-out workbench. This is only possible with a free bench top, practical tool drawers with well structured plastic inserts, a central waste tray and integrated compressed-air supply and electric installations.

- High-quality materials guarantee high durability.
- Benches can be combined to form uniform workgroups.
- Available space can be used optimally due to various combination possibilities.
- All workbenches can easily be reconfigured to fit the needs of the operation.
- A multitude of shapes and colors makes it easy to create an individual and attractive workstation.



Examples for set-up of M4-table groups





## Technical Workbenches

With our technical workbenches we offer you superior design and proven work station solutions for the daily practice in every laboratory or service work station in the shop.

Our technical workbenches are equipped by default with

- suction unit (automatic) with suction funnel
- height adjustable and swivelling lighting (white) with integrated double socket
- table-top shelf with hand piece rest
- tool cabinet with 3 drawers and base
- exclusive softTEC system for noiseless closing of drawers and doors
- 1 air pistol with automatic pull-back function
- armrests extendable (1 set)
- compressed-air supply
- back board
- transparent desk pad

### Colors:

Front, corpus and base: Edelweiss U11209ML

Handholds: aluminum handle bar

Panel under workbench surface: black



### Planning examples:

Group of technical workbenches with three work stations, equipped with lighting F1 90/55, table-top shelf, arm rests and single-bench suction system including suction funnel.

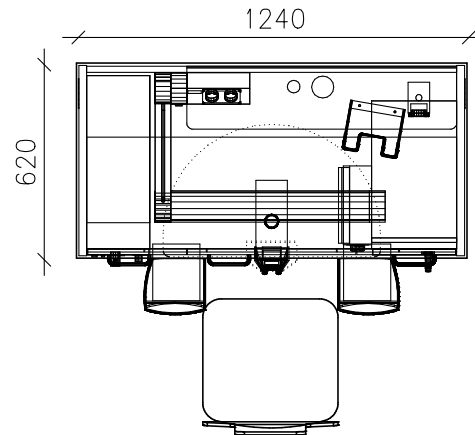
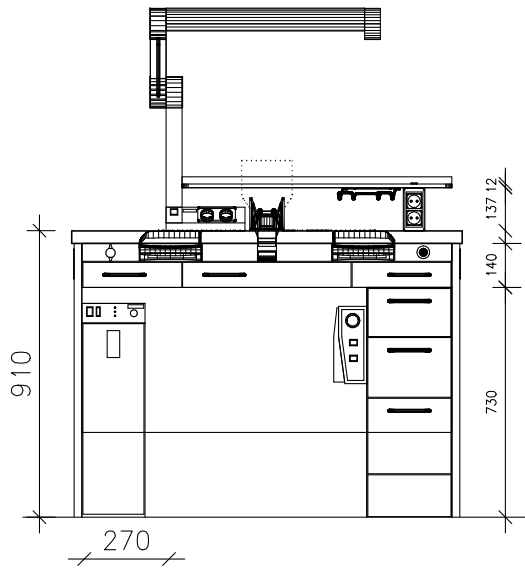


Our standard program offers two models:

### Technical Workbenches M4/4 – Standard

- work plate made of robust plastic in design “Edelweiss” U11209 ML
- tool cabinet with 3 drawers
- air pistol with automatic pull-back function
- waste drawer with plastic insert
- extendable armrests
- single-bench suction system Z1 ECO
- suction funnel A90 with safety screen
- LED workplace lighting F1-90/LED
- working board made of solid core wood “Edelweiss” U11209 ML
- hand piece rest
- transparent desk pad

696574



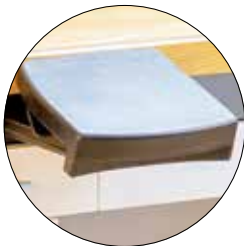
**Technical Workbenches M4/4 – Premium**

696564

- work plate made of high-quality beech wood sticks
- tool cabinet with 3 drawers
- air pistol with automatic pull-back function
- waste drawer with plastic insert
- extendable armrests
- single-bench suction system Z1 ECO
- suction funnel A90 with safety screen
- LED workplace lighting F1-90/LED
- working board made of beech wood sticks
- hand piece rest
- transparent desk pad



picture similar



We offer delivering the bench completely assembled or for self-assembly. Of course we can also offer you an individual solution according to your needs, available in a wide range of colors, forms and equipment features.

PRESENTATION  
PRO  
MOTIONAS  
SISTANCE

Earmolds have to be small, nearly invisible. Except  
**P R E S E N T A T I O N / P R O M O T I O N   A S S I S T A N C E**  
in your shop! Draw attention to the inconspicuous –  
with charm and elegance. Present your products in  
a classy and sophisticated way. Original, cheeky or  
classic – we have the right design for every atmos-  
phere. You would prefer a different color? No prob-  
lem, we also offer custom-made solutions. Our tip:  
Presentation products make an original present for  
your business partners.

### egger Presentation Displays with “Floating Effect”

Upon first glance it appears as if the decoration were floating inside the frame. Only upon closer look will the two transparent silicone membranes become visible – stretched between the frame structure, which is hinged so it can be folded open. With the unique all-around visibility, these displays cleverly draw attention to e. g. earmolds or hearing systems. Creativity and choice of decoration is limited only by frame size.

#### Presentation Display S

Inner dimensions: 70 x 70 x 25 mm

**83880**

#### Presentation Display M

Inner dimensions: 265 x 60 x 25 mm

**83881**

#### Presentation Display L

Inner dimensions: 230 x 180 x 25 mm

**83882**

Decoration not included.



### Presentation Heads Max and Telly

A smart possibility of presenting up-to-date hearing and hearing protection systems in the acoustician shop or during fairs. Max and Telly let you appeal to different target groups. The head can be equipped with an egger deco ear (not included). The deco ears are available in various colors.

The heads are available in other colors with a minimum order quantity of 50 pieces.

#### Presentation Head Max

white  
black  
red  
blue

**87160**

**87161**

**87162**

**87163**

#### Presentation Head Telly

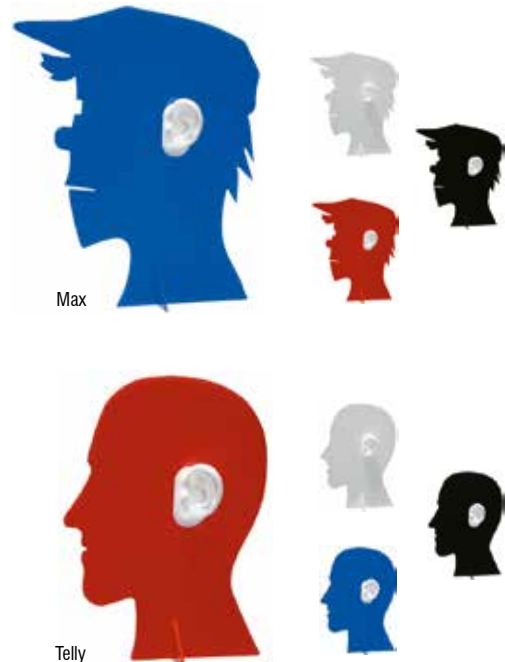
white  
black  
red  
blue

**87164**

**87165**

**87166**

**87167**



Please order deco ears separately.

## Deco Column

The multi-purpose solution that offers numerous and flexible possibilities! The deco columns are provided with a white egger deco ear (earmold not included) and are available in three different sizes and many different colors. On demand, special color requests (in the usual RAL-colors) are possible with a minimum order quantity of 50 pieces.

You can order the columns with your choice of a left or a right ear.

### Dimensions of the columns:

small H = 9.4 cm  
 medium H = 11.4 cm  
 large H = 16.4 cm

### Color\*

		with left ear	with right ear
<b>white</b> (RAL 9010)	small	<b>87700-L</b>	<b>87700-R</b>
	medium	<b>87701-L</b>	<b>87701-R</b>
	large	<b>87702-L</b>	<b>87702-R</b>
<b>black</b> (RAL 9005)	small	<b>87717-L</b>	<b>87717-R</b>
	medium	<b>87718-L</b>	<b>87718-R</b>
	large	<b>87719-L</b>	<b>87719-R</b>
<b>red</b> (RAL 3002)	small	<b>87782-L</b>	<b>87782-R</b>
	medium	<b>87783-L</b>	<b>87783-R</b>
	large	<b>87784-L</b>	<b>87784-R</b>
<b>blue</b> (RAL 5003)	small	<b>87785-L</b>	<b>87785-R</b>
	medium	<b>87786-L</b>	<b>87786-R</b>
	large	<b>87787-L</b>	<b>87787-R</b>
<b>granite</b>	small	<b>87738-L</b>	<b>87738-R</b>
	medium	<b>87739-L</b>	<b>87739-R</b>
	large	<b>87740-L</b>	<b>87740-R</b>
<b>aluminum-silver</b>	small	<b>87880-L</b>	<b>87880-R</b>
	medium	<b>87881-L</b>	<b>87881-R</b>
	large	<b>87882-L</b>	<b>87882-R</b>

\* Information on RAL-colors is not binding.



### Deco Column in Metallic Design

Light reflection draws an interesting play of colors. Delivery includes white deco ear.

<u>Color</u>		with left ear	with right ear
<b>silver-metallic</b>	small	<b>87170-L</b>	<b>87170-R</b>
	medium	<b>87171-L</b>	<b>87171-R</b>
	large	<b>87172-L</b>	<b>87172-R</b>
<b>mango-metallic</b>	small	<b>87173-L</b>	<b>87173-R</b>
	medium	<b>87174-L</b>	<b>87174-R</b>
	large	<b>87175-L</b>	<b>87175-R</b>



### Deco Display Colorline

With Colorline you can add even more color to the presentation of hearing systems. Choose from the standard colors red, black or white. The displays are also available in many other colors with a minimum order quantity of 50 pieces. Colorline is made of plastic and is available in two sizes to be able to hold either one or two ears. You have special requests? – We can also offer individualized solutions.

Please order the matching egger deco ears separately.

Dimensions:

W 18 x H 15 cm

	for 1 deco ear	for 2 deco ears
<b>black</b>	<b>88300</b>	<b>88301</b>
<b>white</b>	<b>88302</b>	<b>88303</b>
<b>red</b>	<b>88304</b>	<b>88305</b>









Please order deco ears separately.





## egger Deco Ears

They can be used with the egger deco columns, deco displays and the presentation heads Max and Telly. The left and right ears are available in different colors. Special color requests (in the usual RAL-colors) are possible with a minimum order quantity of 50 pieces.

<i>Color*</i>	left	right
<b>white</b> (RAL 9003)	<b>27902</b>	<b>27903</b> 
<b>beige</b> (RAL 8023)	<b>27904</b>	<b>27905</b> 
<b>gray</b> (RAL 7036)	<b>27911</b>	<b>27912</b> 
<b>light-blue</b> (RAL 5015)	<b>27914</b>	<b>27915</b> 
<b>ruby-red</b> (RAL 3003)	<b>27920</b>	<b>27921</b> 
<b>dark-blue</b> (RAL 5002)	<b>27918</b>	<b>27919</b> 

\* Information on RAL-colors is not binding.



## Magnetic Glass Board

A multi-functional item among the presentation products with several possible uses! Experience unlimited creativity and flexibility in your product presentation set-up.

Whether you want to simply attach an egger Magic Ear to present a new hearing system or make the cedis care products the center of attention: You can position many products rapidly and easily by using magnets. In addition, you can label the magnetic glass board with dry-erase markers.

Our magnetic glass boards combine simple design with color effects and light effects due to reflecting glass. They are available in trendy and timeless colors. You can mount the magnetic boards horizontally or vertically to the wall or set them up vertically anywhere you like (e. g. in a display window). Please order the matching egger Magic Ears separately.



A multi-functional product presenter

Delivery includes:

Mounting set for wall  
5 magnets

<u>Color / size (W x H)</u>	50 x 30 cm	82 x 12 cm
<b>green</b>	-	<b>83851</b>
<b>red</b>	<b>83852</b>	<b>83853</b>
<b>white</b>	<b>83854</b>	<b>83855</b>
<b>black</b>	<b>83856</b>	<b>83857</b>

Accessories:

**Set with 5 Magnets**

**83859**



Please order Magic Ears separately.



### Dry-Erase Markers

They always provide the right color for a colorful labeling of the egger magnetic glass board. Dry-erase markers can be wiped off without water.

neon-blue  
neon-green  
black  
white

83860  
83861  
83862  
83863



### Magic Ear Deco Display

We can also offer you a matching metal decoration display for your Magic Ears, which is available in the standard colors silver, blue and black or in every standard RAL-color with a purchase quantity of 50 pieces per size. Please order Magic Ears separately.



Sizes:

small W 8 x D 8 x H 15 cm  
medium W 20 x D 8 x H 15 cm  
large W 8 x D 8 x H 30 cm

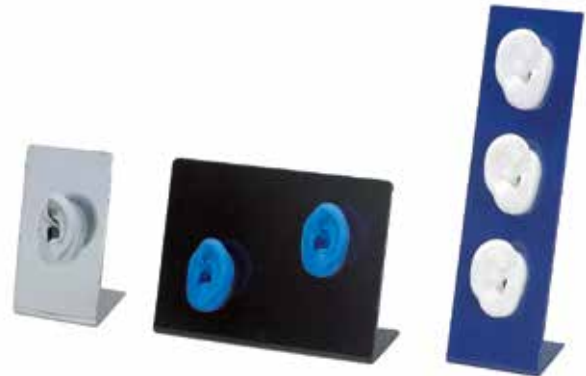
Color\*

	small	medium	large
silver-metallic, brushed	<b>87960</b>	<b>87961</b>	<b>87962</b>
blue (RAL 5022)	<b>87963</b>	<b>87964</b>	<b>87965</b>
black (RAL 9005)	<b>87966</b>	<b>87967</b>	<b>87968</b>

\* Information on RAL-colors is not binding.



Please order Magic Ears separately.



### Deco Display Timeless

The deco display "Timeless" consists of acrylic glass; the column is made of anodized aluminum. Please order Magic Ears separately.

*Size column 10 x 10 cm*

**small** H 10 cm  
**medium** H 20 cm  
**large** H 30 cm

**87870**  
**87871**  
**87872**



Please order Magic Ears separately.

### Magic Ears

The Magic Ears stick to all magnetic surfaces, e. g. the Magic Ear displays or Timeless deco displays or the egger magnetic glass board. Left and right ears are available in different colors. Special color requests (in the usual RAL-colors) are possible with a minimum order quantity of 50 pieces.



<i>Color*</i>	left	right	
<b>white</b> (RAL 9003)	<b>27950</b>	<b>27951</b>	<input type="checkbox"/>
<b>beige</b> (RAL 8023)	<b>27956</b>	<b>27957</b>	<input type="checkbox"/>
<b>gray</b> (RAL 7036)	<b>27954</b>	<b>27955</b>	<input type="checkbox"/>
<b>light-blue</b> (RAL 5015)	<b>27962</b>	<b>27963</b>	<input type="checkbox"/>
<b>ruby-red</b> (RAL 3003)	<b>27982</b>	<b>27983</b>	<input type="checkbox"/>
<b>dark-blue</b> (RAL 5002)	<b>27964</b>	<b>27965</b>	<input type="checkbox"/>



\* Information on RAL-colors is not binding.

**Presentation Case "Maxi"** with 20 compartments**87944**

High-quality aluminum presentation case with foam material inlay. Due to the clear presentation of earmolds and hearing systems, it is ideally suited for sales talk in the acoustician shop, during home visits or fairs.

Dimensions:

approx. W 34 x D 25 x H 4 cm

Dimensions of the compartments:

approx. W 5 x D 5 x H 1.5 cm

Decoration not included.



Professional presentation

**Presentation Case "Mini"** with 12 compartments**89845**

Handy and practical presentation case with 12 compartments for a clear presentation of earmolds and hearing systems. It is universally usable for sales talk in the acoustician shop, during home visits or fairs. Pictured contents are not included.

Dimensions:

approx. W 21 x D 15 x H 2 cm

Dimensions of the compartments:

approx. W 4 x D 3.5 x H 1.8 cm

Decoration not included.



**Presentation Tray, black****87890**

High-quality hearing systems deserve a professional presentation during a sales talk. The surface is made of synthetic leather.

Dimensions:

W 27 x D 17 cm

Decoration not included.

**Bulk Bin / Sales Counter Display****87986**

Ideal for placing give-aways on the sales counter. Stylish sales counter display in glass-clear and high-gloss design. Individual labeling with signs or labels on request. The display is delivered in two pieces that can be mounted in no time.

Contents not included in delivery.



### Poster Clamp Frame

The matching frame for a nice poster. The offered poster clamp frames are ideal for presenting posters hanging in a display window, on the wall or from the ceiling in the sales area. The frame, with its aluminum design, is easily mounted. Posters are quickly exchanged. They are held in place by a clamp mechanism. Suitable for DIN A1 posters (841 x 594 mm).

Outer dimensions of the frame:

H 922 x W 675 mm

83890



### Poster Clamp Strip

Ideal when there is no time! The simple and stylish solution for attaching and hanging up posters up to 600 mm wide.

Poster clamp strips are especially suitable for advertising presentations during fairs and in office and sales areas. The poster clamp strip is attached easily and rapidly to the wall or the ceiling. All that is needed is a nail and a piece of nylon string.

One packaging unit consists of 2 poster clamp strips made of aluminum.

Total width of the clamp strip:

610 mm

83891



INFO  
&SER  
VICES



Fast, easy, reliable – our service is all about  
**INFO & SERVICES**  
your order. Details about the delivery of the  
ordered goods to your warehouse are listed  
on the following pages.

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## Order

Fast – easy – reliable.

The egger delivery service.

You order.

We deliver.

In time.

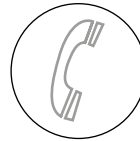
To the desired address.

“egger Labortechnik – How can I help you?”

You decide how you want to place your order.

The complete laboratory technique program  
including care products.

5 ways – 1 solution



Phone international: +49 831 5811360

Phone Hearing Protection: +49 831 5811390

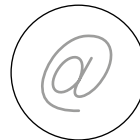
Phone Earmold Production: +49 831 5811340

Monday to Friday 7:30 a.m. – 18:00 p.m.



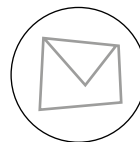
Fax international: +49 831 5811314

Fax Earmold Production: +49 831 5811349



E-Mail international: [sales@egger-labor.de](mailto:sales@egger-labor.de)

E-Mail Earmold Production: [otoplastik@egger-labor.de](mailto:otoplastik@egger-labor.de)



egger Otoplastik + Labortechnik GmbH

Aybühlweg 59

87439 Kempten/Germany



Online-Shop

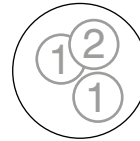
[www.egger.online](http://www.egger.online)

**Internet**

“Online shopping?”

**www.egger.online**

- The extensive internet information platform.
- **With integrated shopping system, password protected for you as our customer.**
- According to your preferred conditions you can select and order all catalog products.
- **Technical descriptions of devices, safety data sheets and operating instructions can be downloaded as pdf-files.**
- You are always informed about the latest news at egger.

**Payment**

“The bill, please!”

Export sales:

- via bank transfer within 30 days net from invoice date
- initial order is usually delivered against advance payment.

For General Terms and Conditions please see page 281.

**Delivery**

You are in a hurry?

We deliver according to your preferences.

**Ordered today – delivered tomorrow**

Orders made by 3 p.m. on workdays are usually dispatched on the same day (if the products are in stock, valid for deliveries within the EU).

**Unlimited order quantities**

We deliver without stipulating a minimum order quantity or mark up for small-volume purchases for standard products.

**Express delivery**

Please contact us in very urgent cases.

**Free delivery**

If your order exceeds a net value of 500 EUR we deliver without packaging and freight charges free German boarder. Profit from the favorable agreements we have made with our shipping contractors.

**Right of return**

egger grants an unrestricted right of return within 20 days on all catalog products for laboratory equipment in accordance with the General Terms and Conditions. If some of our products do not meet your expectations, just call our customer service hotline. We will immediately exchange them or take them back against a credit note.

**Rental service**

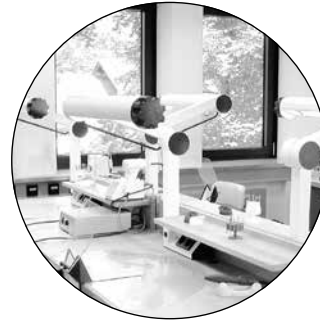
Is one of your appliances being repaired? We will lend you a replacement appliance. For detailed information please call your customer adviser.

**Information on the Transportation of Dangerous Goods**

Under the legal regulations (GGVS/ADR, IMDG and IATA-DGR) some of our products have to be shipped as dangerous goods. These products (even in small quantities) cannot be forwarded by regular mail. Private parcel services are sometimes allowed to forward small quantities within Germany and Europe. Therefore, we usually send the goods via a haulier. The IATA-DGR regulations apply to air freight consignments. Dangerous goods have to be packed in special cardboard boxes. We will be happy to inform you about individual regulations, freight costs and the shipping method most favorable for you.

Not all product illustrations are displayed in the product's original size.

Modifications reserved. Subject to change without notice.



### **International Training Courses for Technicians**

The courses offer an introduction to different earmold manufacturing techniques for earmold producers from all continents. Qualified egger employees help the technicians decide which equipment should be used. The participants receive basic knowledge in the production as well as the complete know-how in handling new devices and materials. The goal of the course is to enable the participants to independently and professionally produce earmolds.

egger Otoplastik + Labortechnik takes individual care of the international trainees during their whole stay.





## Seminars

Where is the development of laboratory technique headed? How does the new EU Regulation 2016/425 (Noise) influence my work as a hearing aid expert? What is the broadened care program able to offer me and my customers?

egger addresses current questions from the sectors otoplastics and laboratory technique and offers additional training courses. These courses last one or several days and are held in spacious seminar rooms next to our laboratories with the newest technical equipment. In discussions with our own and other expert speakers, the participants learn how to react appropriately to the challenges of the future.

Get to know something new, in a pleasant atmosphere in the attractive region of the Allgaeu, Bavaria.



## How to Find Us

### By car:

Coming from **Munich** head to freeway A 96 towards "Lindau". Leave the A 96 at exit no. 22 towards "Jengen/Kaufbeuren". Stay on the B 12 until you reach Kempten and keep going on straight until you reach the turn-off to "Buchenberg". Now, turn right into "Lindauer Straße". At the second traffic light turn right into "Aybühlweg". You will find us on your left after approx. 100 m.

Coming from **Stuttgart/Ulm** or Füssen on freeway take the exit "Kempten". Get on "Adenauerring". Stay on the "Adenauerring" for approx. 5 km until you reach the turn-off to "Buchenberg". Now, turn right into "Lindauer Straße". At the second traffic light turn right into "Aybühlweg". You will find us on your left after approx. 100 m.

Coming from **Zurich/Lindau** on highway B 12 head towards "Buchenberg" in Großholzleute and go to Kempten. After the suburb "Rothkreuz" turn left into "Aybühlweg" at the first traffic light. You will find us on your left after approx. 100 m.

### By rail:

You arrive at Kempten central station. From there, take a taxi. Of course, we will always be pleased to pick you up from the station!

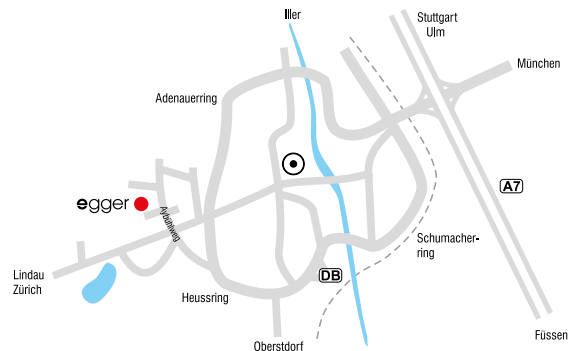
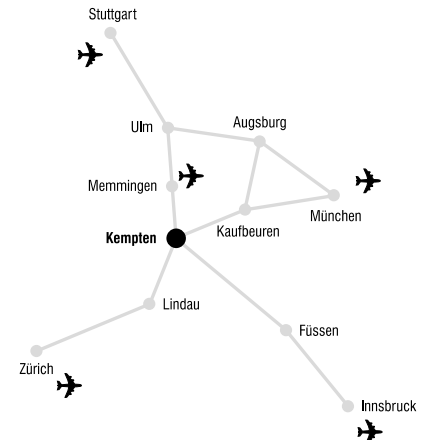
egger Otoplastik + Labortechnik GmbH  
Aybühlweg 59  
87439 Kempten/Germany

Phone international: +49 831 5811360

Fax international: +49 831 5811314

E-Mail international: [sales@egger-labor.de](mailto:sales@egger-labor.de)

Website laboratory equipment: [www.egger.online](http://www.egger.online)





## General Standard Terms and Conditions

### Article 1 General Provisions

1. The Seller's deliveries, services and quotations shall be exclusively executed or rendered on the basis of these General Standard Terms and Conditions. They thus also apply to all future business relations even if they are not expressly agreed upon again.
2. Any deviations from these General Standard Terms and Conditions shall only be permissible in exceptional cases through express written acceptance by the Seller.

### Article 2 Products

1. The seller reserves the right to make technical changes in his products at all times without previous notification, insofar as the properties of the product are not basically modified or compatibility with other products in the production procedure concerned is not impaired.
2. The Seller reserves the right to discontinue the production and delivery of any individual products or replace such products with new products.

### Article 3 Delivery

1. Should the production or delivery of any products ordered be impossible due to force majeure, a lack of deliveries to ourselves, labour disputes, engineering breakdown or similar obstructions, the Seller's delivery commitments shall be suspended and the Seller shall be entitled to cancel such commitments in whole or in part.
2. The Seller shall grant the Purchaser the right to cancel the purchase contract if the date of delivery agreed upon is exceeded by a period of more than eight weeks. Any claims for damages for non-performance shall be excluded. Extended liability pursuant to Section 287 of the BGB [German Civil Code] shall be excluded.
3. If any number of units which has been ordered in a firm manner by the Purchaser is not accepted to its full extent, the Seller shall be entitled to impose a mark-up for small-volume purchases.
4. As regards orders for items made to order, any cancellation by the Purchaser shall be excluded in principle. The buyer is liable to accept and to pay the goods.
5. The Seller shall be entitled to terminate the contract without notice if the Purchaser is in default with the payment of any earlier deliveries.
6. The Seller grants an unlimited right of return for 20 days - from the date of dispatch to the receipt of the goods - on all catalogue products for laboratory equipment. The right of return is granted under the condition that the articles returned are packed in the original packing, unused and do not show any signs of use. The right of return is excluded in the case of such articles, for which - also minor - price reductions, except cash discounts, have been granted. The right of return is also excluded for earmolds and articles which are not included in this catalogue, in particular for the products mentioned under § 3, point 4.
7. The sale, marketing and distribution of products which are subject to the Medical Devices Act, or to other export and import legislation in a country other than the country of destination, shall be prohibited without the prior written consent of the company egger.

### Article 4 Prices, Terms of Payment

1. The prices indicated in the price list are ex place of shipment, excluding packaging, freight, insurance, customs duties and value added tax. From a net value of EUR 500.00 (with an individual invoice) delivery is effected without freight and packing costs free house or free German border for export deliveries.

2. The prices indicated in the current price list as effective for the time being shall be relevant to invoicing. Upon the publication of a new price list, all previous price lists shall become ineffective as of the effective date (status of new price list).
3. Any special costs in connection with payment, particularly bank charges and expenses, loss on exchange and the cost of transfer for payments in export, shall be borne by the Purchaser.
4. Unless indicated otherwise, any invoices shall be due for payment: Export sales: Within 30 days from invoice date net without any discount. For first order, delivery is made against advance payment.
5. Default in payment starts without further reminder on the day following due date. Should the Purchaser be in arrears with any payment at any point in time agreed upon at the time of the purchase, all obligations to pay which the Purchaser may have vis-à-vis the Seller shall become due.
6. It is only permissible to retain or offset any payments with counterclaims of the Purchaser if undisputed and legally enforceable claims are involved.

### Article 5 Shipment and Passage of Risk

1. Shipment shall be effected for the Purchaser's own account and at the Purchaser's risk.
2. The risk of loss is transferred to the Purchaser as soon as the seller has initiated dispatch.
3. Any additional expense for a faster mode of shipment shall be at the Purchaser's expense, even if the period of delivery is exceeded by a short time.
4. In the absence of any instructions by the Purchaser, packaging and shipment shall be effected at the best discretion; no packaging can be taken back.
5. The "Incoterms" as amended for the time being shall apply to the interpretation of international trade terms such as CIP, DAP etc.
6. The Seller shall be entitled, but not required, to insure deliveries in the name and for the account of the Purchaser.

### Article 6 Warranty and Liability

1. If the delivery item is defective or if it fails to show any warranted qualities or if it becomes defective during the warranty period due to any defect in manufacturing or materials, the Seller, at its option, shall supply a substitute or perform rework, with the exclusion of any other warranty claims by the Purchaser, in particular, with the exclusion of any consequential damage incurred by the Purchaser. A maximum of three rework actions shall be permissible. Liability shall only be assumed to the amount of compensation effected. The return shipment of defective products shall require the Seller's consent, otherwise the Purchaser shall bear the cost of return shipment. Defective products shall only be taken back in the condition delivered.
2. The details provided by such manufacturers shall apply to all products of third-party manufacturers which are delivered.
3. The warranty period is subject to legal requirements.
4. All parts exposed to normal consumption or wear and tear shall be excluded from warranty. This shall also apply to any damage incurred due to overload or improper handling.
5. Any notices of defects due to the number of units, quality or execution of products shall only be legally effective if the Seller is notified of such defects in writing immediately following the receipt of the products. Notices of defects shall be excluded in principle after a period of 8 days following the receipt of the products. Any shortages shall be compensated for through subsequent delivery or a credit note.

### Article 7 Reservation of Title

1. The products delivered shall remain the Seller's property, as conditional commodity, until the payment of the purchase price and the payment of all debts existing from the business relations (and any debts incurred in connection with the object sold). The transfer of individual debt items to an open account or the striking and confirmation of a balance shall not cancel the said reservation of title.
2. The Purchaser shall only be entitled and authorised to resell the said conditional commodity in the normal proper course of business and provided that any debts as defined in paragraph 3 shall be actually transferred to the Seller. The Seller shall not be entitled to effect any other dispositions with respect to the conditional commodity, particularly pledging or transfer of property by way of security.
3. If any conditional commodity is sold by the Purchaser alone or in conjunction with any commodity not owned by the Seller, the Purchaser shall now assign any debts arising from such resale to the amount of the value of the conditional commodity, including all secondary rights and rank before the rest; the Purchaser shall accept such assignment.
4. The Seller shall authorise the Purchaser, subject to revocation, to collect the debt assigned pursuant to paragraph 3. At the Seller's request, the Purchaser shall name the debtor(s) with respect to the debt(s) assigned and shall also notify such debtor(s) of the assignment itself.
5. The right to resell and utilise and the authorisation to collect the debt assigned shall expire upon stoppage of payments, an application for commencement or actual commencement of bankruptcy proceedings, any judicial composition proceedings or voluntary settlement; the direct debit authorisation shall also expire in the event of any protest of a cheque or bill.

### Article 8 Devices on loan

1. Devices on loan can be provided, depending on availability, for free (e. g. in the case of repairs) for a certain period to be agreed upon. The leased device must be returned in the original package. The customer assumes the costs and risk of transportation. The customer is responsible for the correct use of the leased device. The customer is not entitled to hand the leased object over to third parties outside his company. Any defects in the leased device are invoiced to the customer.

### Article 9 Conclusion of the Contract

1. Any offers contained in brochures, advertisements etc. shall be subject to change without notice and non-binding - also with respect to any prices stated.
2. Additional agreements, changes or supplements are only valid, if they have been confirmed in writing by the seller. The same applies to the representation of properties. Agreements concerning a waiver of the written form must also be made in writing.

### Article 10 Place of Performance, Jurisdictional Venue and Partial Ineffectiveness

1. The place of performance for all rights and obligations arising from legal transactions entered into with the Seller shall be Kempten, Allgäu, for both parties. The place of jurisdiction for both parties is - insofar as legally permissible - Kempten, Allgäu.
2. Should any of the aforesaid provisions be or become ineffective, the effectiveness of the remaining provisions shall not be affected thereby.

Information on the collection and processing of your personal data can be found at [www.egger.online/datenschutzinwies](http://www.egger.online/datenschutzinwies).

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