

MAICO MB 11 Classic with Infant EarCups™

Binaural Automated ABR Screening

Screening with the patented CE-Chirp™

The MB 11 Classic offers very fast and automated ABR screening tests. CE-Chirp™ stimulates all regions of the cochlea simultaneously, thus generating much higher responses and faster results compared to a standard click. Using an advanced ABR detection algorithm, the measurement obtains very fast and reliable results. If a response at 35 dB nHL is detected, the test takes less than 3 minutes.

Binaural and Simultaneous Screening

The MB 11 Classic offers binaural automated ABR Screening tests with only three electrodes, supported by an integrated automatic impedance check to ensure good testing conditions.

Easy Handling and Quick Preparation

The Infant EarCup™ and snap electrodes reduce the preparation time to a minimum and assure perfect measurement conditions. The clear see-through Infant EarCup™ allows easy positioning over the ear.

Features at a glance

- Very fast Automated ABR screening with CE-Chirp™ stimulus
- Simultaneous binaural screening
- Advanced ABR detection algorithm provides "PASS" or "REFER" result
- Automatic impedance check ensuring precise and clear signal conditions
- Automatic data export for easy tracking
- Using Sanibel Infant EarCups™ and snap electrodes

 CE-Chirp® inside



Technical Data

MB 11 Classic

Dimensions / Weight	120 mm x 93 mm x 30 mm / 142 g
Display	Test result (Pass, Refer or Abort), test diagram with line towards PASS, signal quality or EEG, traffic light for impedance test
Languages	English, German, Spanish, French, Italian, Dutch (Belgium), Turkish, Hungarian, Russian, Chinese, Japanese
PC interface	USB
Power supply	USB-Port 5V DC max. 400 mA

Preamplifier

One Channel	3 electrode cables (black, yellow and white)
Gain	69.8 dB
CMR Ratio	>110 dB at 80 Hz
Dimensions / Weight	100 mm x 100 mm x 22 mm / 100 g
Transducer	IP30 with EarCup™ adapter

ABR

Stimuli	CE-Chirp®
Stimulus rate	~90 /s
Stimulus level	35 dB nHL
Test mode	monaural/binaural
Impedance test	Automatic pre-test
Test duration	16 s to 180 s
Artifact rejection level	100 µV

Computer Requirements

Type	2 GHz or more
RAM	Minimum 1 GB
Hard Disk	Minimum 10 GB free disk space
Interface	USB 1.1, 2.0 or 3.0
Display	Min. resolution 1280 x 1024 or higher
Graphic card	Direct X9 with WDDM 1.0 or higher
Operating System	Windows 7 32/64-bit Professional Windows 8 32/64-bit Pro Windows 10 32/64-bit Pro

Standards

ABR	IEC 60645-7, Type 2
Safety	IEC 60601-1, Type BF
EMC	IEC 60601-1-2
CE 0123	according to Medical Device Regulation (EU) 2017/745, Class IIa

Standard Components

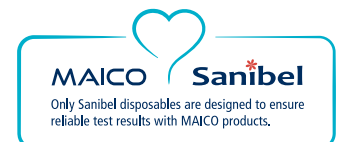
- MB 11 Box with preamplifier
- IP30 insert phone with Infant EarCup™ adapter
- Electrode cable
- Set of replacement electrodes and Infant EarCups™
- Nuprep® preparation gel
- Carrying case
- PC Software
- USB cable

Optional Components

- Label printer

Sanibel

We highly recommend to use Sanibel disposables in order to guarantee optimal test results.



Specifications are subject to change without notice.



MB 11 Box



Preamplifier



IP30 Insert phone



Electrodes and Infant EarCups™

MAICO Diagnostics GmbH

Sickingenstr. 70-71 · 10553 Berlin · Germany

Tel.: +49 30 / 70 71 46-50 · Fax: +49 30 / 70 71 46-99

sales@maico.biz · www.maico.biz



Find your nearest Distributor.

