



## prisma20C

CPAP Therapy with softPAP  
and FOT

### prisma20C, the CPAP therapy device in the prismaLINE

Features intuitive navigation and setting of therapy parameters. As with all device variants in the prismaLINE, prisma 20C offers quick operation, thanks to the perfectly coordinated interaction between the state-of-the-art touch screen and smart Graphical User Interface.

With the help of Forced Oscillation Technique (FOT), prisma20C distinguishes between obstructive and central events and gives the doctor a solid foundation for diagnostic and treatment decisions. That is what we call CPAP therapy Made in Germany.

#### Therapy

- Certain: With improved oscillatory pressure signal (FOT) for differentiation of central and obstructive apnea and more breathing comfort
- Precise: Identification of periodic breathing, RERA, snoring, hypopnea and flow limitation
- Reliable: Continuous check of mask and automatic mask recognition

#### Processes

- Good overview: High-resolution therapy data for 14 days and detailed statistics for 366 days
- Process support: With SD card and USB port
- Simple: 8 unmistakable analog signals for PSG feed
- Practical: Remote management (prismaLAB) via LAN with therapy software prismaTS
- Worry-free: No-maintenance prismaLINE

#### Comfort

- Most comfortable breathing: CPAP with pressure relief softPAP, now also for inspiration support at low pressures (softPAP 3)
- High compliance: Thanks to comfort functions such as softSTART, autoSTART-STOP and continuous mask and therapy feedback
- Best conditions: heated breathing tube prismaHYBERNITE warms the air and stops condensation from forming in tube, thereby preventing annoying mask sounds.
- Very simple: Easy-to-use prismaAQUA humidifier

### prismaLINE. A platform to trust

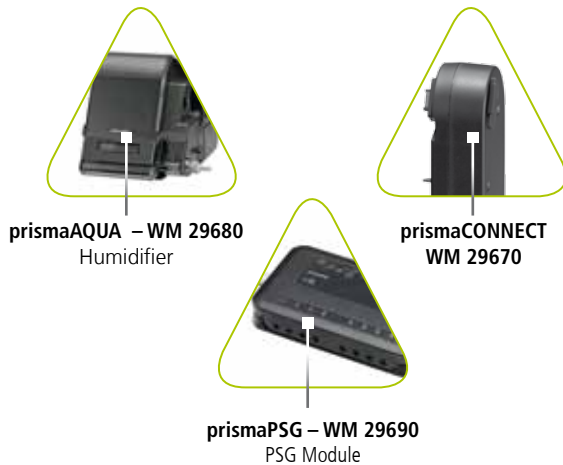
**prismaLINE is the intelligent system solution for treatment of respiratory disorders.**

The prismaLINE represents a new dimension in operating convenience. The combination of state-of-the-art touch screen and smart Graphical User Interface makes possible unprecedented intuitive and therefore fast usage.

This exceptional operating concept is found throughout the prismaLINE portfolio. Every prismaLINE device provides the user with ideal support for all kinds of work processes and for connectivity and accessories too.

prismaLINE offers the right device for every type of therapy in Weinmann quality: precise, reliable and unheard-of stillness.

prismaLINE: Synonymous with modern sleep therapy Made in Germany.

**Accessories (not shown)**

Inverter 24 V, lorry – WM 24617

Inverter 12 V, car – WM 24616

prismaTS – WM 93335

Therapy software, complete with USB data cable

Bacteria filter – WM 24476

Set of 12 pollen filters – WM 29652

Breathing tube, Ø 22 mm – WM 24445

Breathing tube, Ø 15 mm – WM 29988

Autoclavable breathing tube, Ø 22 mm – WM 24667

Heated breathing tube,  
prismaHYBERNITE, Ø 22 mm – WM 29067You'll find more information about our therapy solutions, accessories and mask systems at [weinmann-medical.com](http://weinmann-medical.com)

<b>Product class as per Directive 93/42/EEC</b>	IIa	<b>Alarms</b>	Leak and Disconnection
<b>Dimensions (W x H x D)</b>	170 x 135 x 180 mm	<b>Mean sound pressure/ Operation as per ISO 80601-2-70</b>	about 26.5 dB(A) at 10 hPa (corresponds to sound pressure of 34.5 dB(A))
<b>Weight</b>	about 1.4 kg	<b>CPAP operating pressure range</b>	4 to 20 hPa
<b>Temperature range</b> ■ Operation: ■ Storage:	+5 °C to +40 °C -25 °C to +70 °C	<b>Pressure accuracy</b>	<20 hPa ± 0.6 hPa
<b>Permitted humidity, operation and storage</b>	rel. humidity 15 % to 93 %, no condensation	<b>Peak flow as per ISO 80601-2-70, modes CPAP, without humidifier</b>	
<b>Air pressure range</b>	700 – 1060 hPa corresponds to altitude of 3000 meters	4.0 hPa	235 l/min
<b>Diameter of breathing tube connection (mask)</b>	19.5 mm (fits standard tapered connector)	8.0 hPa	230 l/min
<b>Electric rating</b>	max. 40 VA	12.0 hPa	220 l/min
<b>System interface</b>	12 V DC max. 10 VA	16.0 hPa	215 l/min
<b>Power consumption in</b>	<b>230 V</b> <b>115 V</b>	20.0 hPa	210 l/min
■ Operation (therapy):	0.11 A    0.22 A	<b>Stability of the dynamic pressure (short-term accuracy) for 10 breaths/ min as per ISO 17510-1:2007 when using the 19 mm hose.</b>	
■ Standby:	0.036 A    0.019 A	7.0 hPa	Δp ≤ 0.24 hPa
<b>Classification as per EN 60601-1-11</b>		10.0 hPa	Δp ≤ 0.28 hPa
■ Type of protection from electric shock	Protection class II	13.5 hPa	Δp ≤ 0.3 hPa
■ Level of protection from electric shock:	Type BF	20.0 hPa	Δp ≤ 0.4 hPa
■ Protection from damaging ingress of water and solids:	IP21		

Device Description	WM-Nr.
prisma20C	29685

Please refer to the current price list or contact Customer Service Weinmann.



Certified Quality Management System meeting EC directive 93/42/EEC Annex II (EN ISO 13485)