



## prisma20A

Therapy Flexibility for  
Obstructive Sleep Apnea (OSA)

### prisma20A, the APAP therapy device in the prismaLINE

Features intuitive navigation and setting of therapy parameters. As with all device variants in the prismaLINE, prisma20A 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), prisma20A distinguishes between obstructive and central events. In response to events, prisma20A automatically provides continuous pressure adjustments tailored exactly to the patient's needs and thus delivers highly effective treatment. Equipped with the option of combining both CPAP and APAP modes with the comfortable pressure relief soft PAP, prisma20A offers a high degree of therapy flexibility. That is our APAP therapy Made in Germany.

#### Therapy

- Certain: With improved oscillatory pressure signal (FOT) for differentiation of central and obstructive apnea and more breathing comfort
- Accurate: Precise identification of RERA, snoring, hypopnea and flow limitations
- 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
- Uncomplicated: Eight clearly distinguished analog signals for PSG feed
- Practical: Remote management (prismaLAB) via LAN with therapy software prismaTS
- Worry-free: No-maintenance prismaLINE

#### Comfort

- 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 optimizes the air and prevents condensation in tube and annoying sounds in mask
- Especially simple: The easy-to-use humidifier prismaAQUA

### 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.

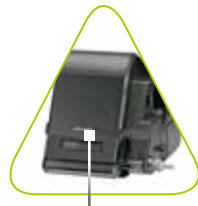
This exceptional operating concept is found throughout the prismaLINE portfolio. Every prismaLINE device provides the user with ideal support for all kinds of work processes and for connectivity and accessories too.

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.



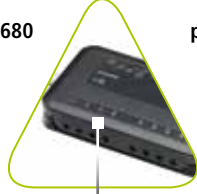
Accessories



prismaAQUA – WM 29680  
Humidifier



prismaCONNECT  
WM 29670



prismaPSG – WM 29690  
PSG Module

**Accessories (not shown)**

**Inverter 24 V, Lkw – WM 24617**

**Inverter 12 V, Auto – WM 24616**

**prismaTS – WM 93335**

Therapy software, complete with USB data cable

**Bacteria filter – WM 24476**

**Pollen filter – WM 29652**

**Breathing tube, Ø 19 mm – WM 24445**

**Breathing tube, Ø 15 mm – WM 29988**

**Autoclavable breathing tube, Ø 19 mm – WM 24667**

**Heated breathing tube, Ø 22 mm – WM 29067**

For more information on our therapy solutions, accessories and mask systems please visit [weinmann-medical.com](http://weinmann-medical.com)

Technical Data

<b>Product class as per Directive 93/42/EEC</b>	II a	<b>Electromagnetic Compatibility (EMC) as per EN 60601-1-2</b> ■ Radio interference suppression: EN 55011 B ■ Radio interference immunity: IEC 61000-4 Parts 2 to 6, Part 11, Part 8 IEC 61000-3 Parts 2 and 3	Test parameters and thresholds can be requested from manufacturer as needed.		
<b>Dimensions (W x H x D)</b>	170 x 135 x 180 mm				
<b>Weight</b>	about 1.4 kg	<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>Temperature range</b> ■ Operation: +5 °C to +40 °C ■ Storage: -25 °C to +70 °C			<b>CPAP operating pressure range:</b> 4 to 20 hPa		
<b>Permitted humidity, operation and storage</b>	rel. humidity 15 % to 93 %, no condensation	<b>Pressure accuracy:</b> <20 hPa ± 0.6 hPa, ≥20 hPa ± 0.8 hPa			
<b>Air pressure range</b>	700 – 1060 hPa corresponds to altitude of 3000 meters		<b>P Lim<sub>max</sub> (max. pressure in event of device failure)</b>	≤ 40 hPa	
<b>Diameter of breathing tube connection (mask)</b>	19.5 mm (fits standard tapered connector)	<b>Max. flow rate as specified in ISO 80601-2-70 without humidifier</b>		20.0 hPa 209 l/min 17.0 hPa 217 l/min 16.0 hPa 218 l/min 12.0 hPa 227 l/min 10.5 hPa 227 l/min 8.0 hPa 233 l/min 4.0 hPa 237 l/min	
<b>Electric rating</b>	max. 40 VA		<b>Heating of respiratory air:</b> max. +3 °C		
<b>System interface</b>	12 V DC max. 10 VA			<b>Stability of dynamic pressure (short-term accuracy) as per ISO 80601-2-70 - with use of 19-mm tube</b>	4 hPa Δp ≤ 0.68 hPa 8 hPa Δp ≤ 0.58 hPa 12 hPa Δp ≤ 0.52 hPa 16 hPa Δp ≤ 0.44 hPa 20 hPa Δp ≤ 0.64 hPa
<b>Power consumption in</b> ■ Operation (therapy): ■ Standby:	<b>230 V 115 V</b> 0.11 A 0.22 A 0.0022 A 0.0044 A		<b>Stability of static pressure (long-term accuracy) as per ISO 80601-2-70</b> ■ with use of 19-mm tube Δp = 0.15 hPa ■ with use of 15-mm tube, bacteria filter and oxygen safety valve Δp = 0.19 hPa		
<b>Classification as per EN 60601-1-11</b> ■ Type of protection from electric shock ■ Level of protection from electric shock: ■ Protection from damaging ingress of water and solids:	Protection class II Type BF IP21				
<b>Classification as per EN 60601-1</b> ■ Operating mode:	continuous operation				
<b>Alarms</b>	Leaks and disconnection				

<b>Device Description</b>	<b>WM-Nr.</b>
prisma20A	29600

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

