



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 softPAP, 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
- 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
- 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

- More 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.
- Especially simple: The easy-to-use humidifier prismaAQUA

prismaLINE. A platform to trust

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

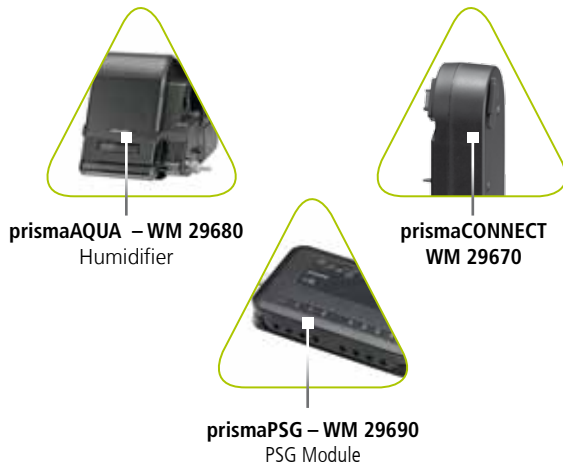
The prismaLINE represents a new dimension in operating convenience. The combination of state-of-the-art touch screen and smart Graphical User Interface makes possible unprecedented intuitive and therefore fast usage.

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



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 29067

You'll find more information about our therapy solutions, accessories and mask systems at weinmann-medical.com

Technical Data

Product class as per Directive 93/42/EEC	IIa	Classification as per EN 60601-1-11	<ul style="list-style-type: none"> Type of protection from electric shock: protection class II Level of protection from electric shock: type BF Protection from damaging ingress of water and solids: IP21 										
Dimensions (W x H x D)	170 x 135 x 180 mm	Alarms	leak and disconnection										
Weight	about 1.4 kg	Mean sound pressure/ Operation as per ISO 80601-2-70	about 26.5 dB(A) at 10 hPa (corresponds to sound pressure of 34.5 dB(A))										
Temperature range	<ul style="list-style-type: none"> Operation: +5 °C to +40 °C Storage: -25 °C to +70 °C 	CPAP/APAP operating pressure range	4 to 20 hPa										
Permitted humidity, operation and storage	rel. humidity 15 % to 93 %, no condensation	Pressure accuracy	<20 hPa ± 0.6 hPa										
Air pressure range	700 – 1060 hPa corresponds to altitude of 3000 meters	Peak flow as per ISO 80601-2-70, modes CPAP and APAP, without humidifier	<table border="1"> <tbody> <tr> <td>4.0 hPa</td> <td>235 l/min</td> </tr> <tr> <td>8.0 hPa</td> <td>230 l/min</td> </tr> <tr> <td>12.0 hPa</td> <td>220 l/min</td> </tr> <tr> <td>16.0 hPa</td> <td>215 l/min</td> </tr> <tr> <td>20.0 hPa</td> <td>210 l/min</td> </tr> </tbody> </table>	4.0 hPa	235 l/min	8.0 hPa	230 l/min	12.0 hPa	220 l/min	16.0 hPa	215 l/min	20.0 hPa	210 l/min
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Diameter of breathing tube	19 mm or 15 mm	Stability of the dynamic pressure (short-term accuracy) for 10 breaths/ min as per ISO 17510-1:2007 when using the 19 mm hose.	<table border="1"> <tbody> <tr> <td>7.0 hPa</td> <td>Δp ≤ 0.24 hPa</td> </tr> <tr> <td>10.0 hPa</td> <td>Δp ≤ 0.28 hPa</td> </tr> <tr> <td>13.5 hPa</td> <td>Δp ≤ 0.3 hPa</td> </tr> <tr> <td>20.0 hPa</td> <td>Δp ≤ 0.4 hPa</td> </tr> </tbody> </table>	7.0 hPa	Δp ≤ 0.24 hPa	10.0 hPa	Δp ≤ 0.28 hPa	13.5 hPa	Δp ≤ 0.3 hPa	20.0 hPa	Δp ≤ 0.4 hPa		
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Electric rating	max. 40 VA												
System interface	12 V DC max. 10 VA												
Power consumption in	230 V 115 V												
<ul style="list-style-type: none"> Operation (therapy): Standby: 	<table border="1"> <tbody> <tr> <td>0.11 A</td> <td>0.22 A</td> </tr> <tr> <td>0.036 A</td> <td>0.019 A</td> </tr> </tbody> </table>	0.11 A	0.22 A	0.036 A	0.019 A								
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Device description	WM no.
prisma20A	29600

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

CE 0197

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

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