



prismaCR

The sleep medicine therapy solution for complex SDB

prismaCR, the AcSV therapy device in the prismaLINE

Patients with periodic breathing, e.g., Cheyne-Stokes respiration, or central, mixed or complex sleep-disordered breathing, are treated quickly and reliably by the newly validated algorithm in prismaCR. At the heart of the algorithm is a backup frequency based on target volume combined with intra-breath regulation. It provides need-oriented pressure support during the current breath, a technology called Anticyclic Servoventilation (AcSV) that is Made in Germany.

Therapy

- Effective: Validated Anticyclic Servoventilation (AcSV) reacts quickly with smart adaptation of pressure support within a breath
- Many possibilities: Extensive pressure range (4 to 30 hPa) and many parameters for more flexibility in therapy settings
- Precise: Identification of periodic breathing, RERA, snoring, hypopnea, apnea and flow limitations
- Flexible: Dynamic increase in pressure support depending on the intensity of preceding hyperventilation
- Mild: Gentle reaction to non-periodic disordered breathing, as during REM sleep
- Proven: Optionally with autoTRILEvel principle and autoEEPAP regulation
- Quick configuration: SCOPes for indication-related pre-settings with option for adjustment

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

- 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

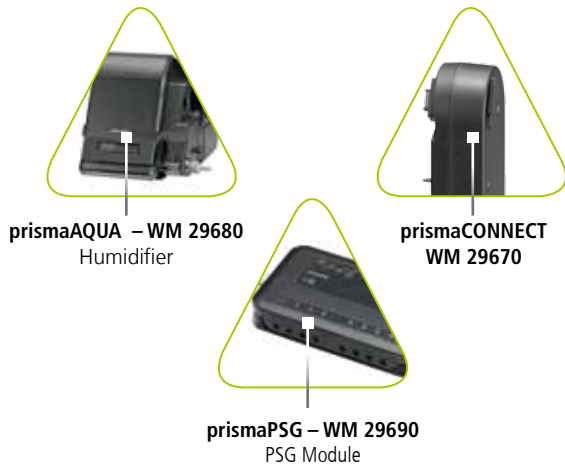
prismaLINE is the intelligent system solution for treatment of respiratory disorders.

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 (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

Product class as per Directive 93/42/EEC	IIa	Alarms	Leak and Disconnection
Dimensions (W x H x D)	170 x 135 x 180 mm	Modes	AcSV, CPAP
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 ■ Operation: ■ Storage:	+5 °C to +40 °C -25 °C to +70 °C	CPAP operating pressure range	4 to 20 hPa
Permitted humidity, operation and storage	rel. humidity 15 % to 93 %, no condensation	AcSV operating pressure range	4 to 30 hPa
Air pressure range	700 – 1060 hPa corresponds to altitude of 3000 meters	Relative inspiration time: Ti or Tset	25% to 67%
Diameter of breathing tube connection (mask)	19.5 mm (fits standard tapered connector)	Back up frequency	auto, 6 bpm to 30 bpm
Electric rating	max. 40 VA	Pressure accuracy	<20 hPa ± 0.6 hPa, ≥20 hPa ± 0.8 hPa
System interface	12 V DC max. 10 VA	Peak flow as per ISO 80601-2-70, mode AcSV, without humidifier	
Power consumption in ■ Operation (therapy): ■ Standby:	230 V 115 V 0.11 A 0.22 A 0.036 A 0.019 A	4.0 hPa 235 l/min 10.5 hPa 225 l/min 17.0 hPa 215 l/min 23.5 hPa 200 l/min 25.0 hPa 195 l/min 30.0 hPa 190 l/min	
Classification as per EN 60601-1-11 ■ 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	Stability of the dynamic pressure (short-term accuracy) for 10 breaths/ min as per ISO 17510-1:2007 when using the 19 mm hose.	
		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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Device Description	WM-Nr.
prismaCR	29960

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)