



prisma25S

BiLevel-S therapy for high/ fluctuating pressure needs and CPAP intolerance

prisma25S, the BiLevel-S therapy device in the prismaLINE

Like all device variants in the prismaLINE, prisma 25S offers intuitive navigation and parameter setting to simplify and accelerate user operation.

prisma25S provides the best conditions for pressure regulation and operates quietly even at high inspiration pressures. Patients with obstructive, mixed or complex sleep apnea who have high and /or fluctuating pressure needs and poor CPAP compliance will find the perfect therapy partner in prisma25S. In addition to a broad pressure range and apnea differentiation by means of FOT, the device has process and comfort supporting features to deliver effective, safe and comfortable BiLevel-S therapy «Made in Germany».

Therapy

- Many possibilities: Broad pressure range (4 – 25 hPa) and several adjustable parameters for greater flexibility in therapy settings
- Precise: Identification of periodic breathing, RERA, snoring, hypopnea and flow limitation
- Proven: Optional TRiLevel pressure curve and autoEEPAP regulation
- Reliable: Apnea differentiation with FOT (Forced Oscillation Technique)
- For natural breathing: Optional autoTrigger (Trigger IN)

Processes

- Good overview: High resolution therapy data for up to 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 (prismaTSlab) via LAN with therapy software prismaTS
- Worry-free: prismaLine requires no maintenance

Comfort

- Very quiet: Unheard-of stillness even at high pressures
- 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.

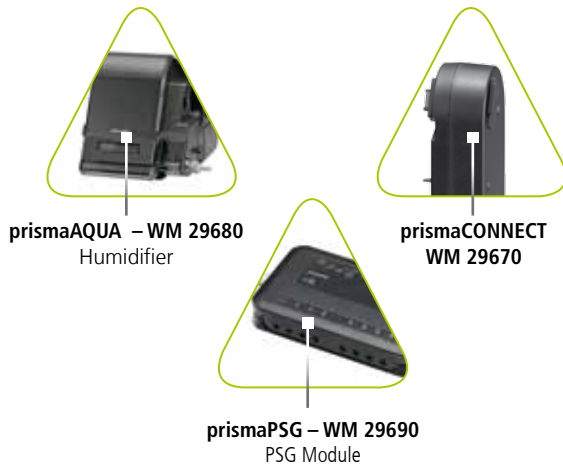
The prismaLINE represents a new dimension in operating convenience. The combination of state-of-the-art touch screen and smart Graphical User Interface makes possible unprecedented intuitive and therefore fast usage.

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



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	Alarms	leak and disconnection
Dimensions (W x H x D)	170 x 135 x 180 mm	Modes	CPAP, APAP, BiLevel S and autoS
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	BiLevel operating pressure range	4 to 25 hPa
Air pressure range	700 – 1060 hPa corresponds to altitude of 3000 meters	Trigger	auto or can be set at three levels
Diameter of breathing tube	19 mm or 15 mm	Pressure increase speed	can be set at three levels
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 BiLevel, 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	
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 no.
prisma25S	29900

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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