



prisma25ST

BiLevel-ST therapy with innovative setting concept (SCOPEs)

prisma25ST, the BiLevel-ST therapy device in the prismaLINE

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

Maximum flexibility with setting or indication-specific pre-settings (SCOPEs): prisma25ST leaves room for individually tailored solutions. Perfect for patients with obstructive, mixed or complex sleep apnea with comorbidities. Equipped with automatic backup frequency, apnea differentiation by FOT and many process and comfort supporting features, prisma25ST provides reliable, effective and whisper-quiet BiLevel-ST therapy «Made in Germany».

Therapy

- Many possibilities: Broad pressure range (4 – 25 hPa) and several adjustable parameters for greater flexibility in therapy settings
- High level of safety: With the new automatic backup frequency PRIO S+ and high fixed setting of backup frequency
- Proven: Optional TRiLevel pressure curve and autoEEPAP regulation
- Fast: SCOPEs (indication-specific pre-settings) with the option of making adjustments at any time
- Precise: Identification of periodic breathing, RERA, snoring, hypopnea, apnea and flow limitations
- 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

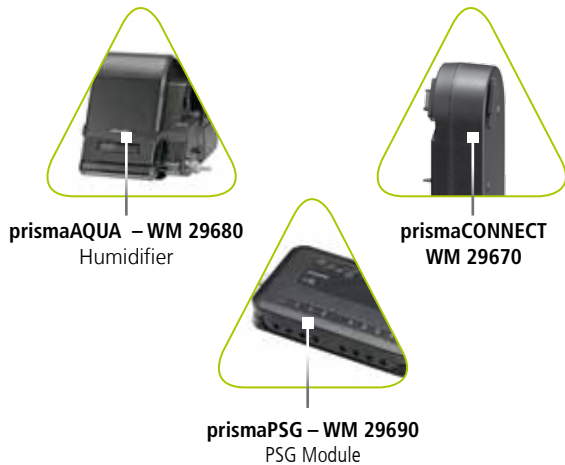
prismaLINE is the intelligent system solution for treatment of respiratory disorders.

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 (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	Modes	CPAP, APAP, BiLevel S, auto S, BiLevel S/T, autoS/T, BiLevel T
Dimensions (W x H x D)	170 x 135 x 180 mm	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))
Weight	about 1.4 kg	CPAP operating pressure range	4 to 20 hPa
Temperature range ■ Operation: ■ Storage:	+5 °C to +40 °C -25 °C to +70 °C	BiLevel operating pressure range	4 to 25 hPa
Permitted humidity, operation and storage	rel. humidity 15 % to 93 %, no condensation	Relative inspiration time: Ti or Ttarget	25% to 67%
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 connection (mask)	19.5 mm (fits standard tapered connector)	Pressure increase speed	can be set at three levels
Electric rating	max. 40 VA	Back up frequency	0 bpm to 35 bpm
System interface	12 V DC max. 10 VA	Pressure accuracy	<20 hPa ± 0.6 hPa, ≥20 hPa ± 0.8 hPa
Power consumption in ■ Operation (therapy): ■ Standby:	230 V 115 V 0.11 A 0.22 A 0.036 A 0.019 A	Peak flow as per ISO 80601-2-70, mode BiLevel, without humidifier	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
Alarms	Leak and Disconnection		

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Device Description	WM-Nr.
prisma25ST	29920



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