



## 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
- 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
- Ideal conditions: Heated breathing tube optimizes respiratory air and prevents condensation in tube and annoying sounds in mask
- 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, 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****prismaHYBERNITE, 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)

<b>Product class as per Directive 93/42/EEC</b>	II a	<b>Electromagnetic Compatibility (EMC) as per EN 60601-1-2</b>	Test parameters and thresholds can be requested from manufacturer as needed. ■ 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
<b>Dimensions (W x H x D)</b>	170 x 135 x 180 mm	<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>Weight</b>	about 1.4 kg	<b>CPAP operating pressure range:</b>	4 to 20 hPa
<b>Temperature range</b> ■ Operation: ■ Storage:	+5 °C to +40 °C -25 °C to +70 °C	<b>BiLevel operating pressure range:</b>	4 to 25 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>	30,0 hPa 194 l/min 23,5 hPa 205 l/min 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</b> <b>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>	Leak and Disconnection		
<b>Modes</b>	CPAP, APAP, BiLevel S, auto S, BiLevel S/T, autoS/T, BiLevel T		
<b>Frequency</b>	auto, 6 - 50 bpm, off		

<b>Device Description</b>	<b>WM-Nr.</b>
prisma25ST	29920



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

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

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