



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

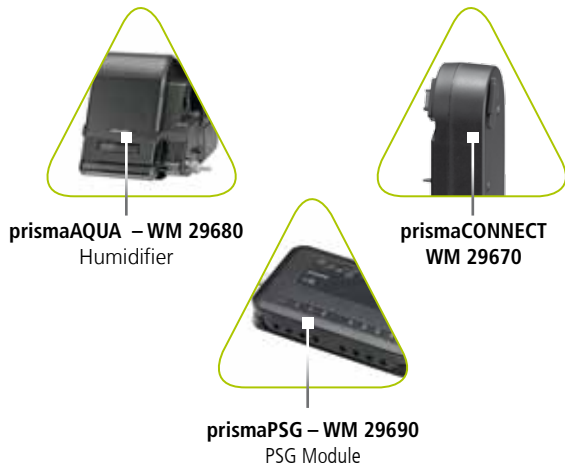
prismaLINE is the intelligent system solution for treatment of respiratory disorders.

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

Product class as per Directive 93/42/EEC	II a	Electromagnetic Compatibility (EMC) as per EN 60601-1-2	Test parameters and thresholds can be requested from manufacturer as needed. <ul style="list-style-type: none"> ■ 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 																		
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 <ul style="list-style-type: none"> ■ Operation: +5 °C to +40 °C ■ Storage: -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	Pressure accuracy:	<20 hPa ± 0.6 hPa, ≥20 hPa ± 0.8 hPa																		
Air pressure range	700 – 1060 hPa corresponds to altitude of 3000 meters	P Lim_{max} (max. pressure in event of device failure)	≤ 40 hPa																		
Diameter of breathing tube connection (mask)	19.5 mm (fits standard tapered connector)	Max. flow rate as specified in ISO 80601-2-70 without humidifier	<table border="0"> <tr><td>30,0 hPa</td><td>194 l/min</td></tr> <tr><td>23,5 hPa</td><td>205 l/min</td></tr> <tr><td>20,0 hPa</td><td>209 l/min</td></tr> <tr><td>17,0 hPa</td><td>217 l/min</td></tr> <tr><td>16,0 hPa</td><td>218 l/min</td></tr> <tr><td>12,0 hPa</td><td>227 l/min</td></tr> <tr><td>10,5 hPa</td><td>227 l/min</td></tr> <tr><td>8,0 hPa</td><td>233 l/min</td></tr> <tr><td>4,0 hPa</td><td>237 l/min</td></tr> </table>	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
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Electric rating	max. 40 VA	Heating of respiratory air:	max. +3 °C																		
System interface	12 V DC max. 10 VA	Stability of dynamic pressure (short-term accuracy) as per ISO 80601-2-70 - with use of 19-mm tube	<table border="0"> <tr><td>4 hPa</td><td>Δp ≤ 0.68 hPa</td></tr> <tr><td>8 hPa</td><td>Δp ≤ 0.58 hPa</td></tr> <tr><td>12 hPa</td><td>Δp ≤ 0.52 hPa</td></tr> <tr><td>16 hPa</td><td>Δp ≤ 0.44 hPa</td></tr> <tr><td>20 hPa</td><td>Δp ≤ 0.64 hPa</td></tr> </table>	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								
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Power consumption in <ul style="list-style-type: none"> ■ Operation (therapy): 0.11 A 0.22 A ■ Standby: 0.0022 A 0.0044 A 	230 V 115 V	Stability of static pressure (long-term accuracy) as per ISO 80601-2-70	<ul style="list-style-type: none"> ■ 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 																		
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 																					
Classification as per EN 60601-1 <ul style="list-style-type: none"> ■ Operating mode: continuous operation 																					
Alarms	Leak and Disconnection																				
Modes	CPAP, APAP, BiLevel S, auto S, BiLevel S/T, autoS/T, BiLevel T																				
Frequency	auto, 6 - 50 bpm, off																				

Device Description	WM-Nr.
prisma25ST	29920



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

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