



## prisma30ST

BIPAP therapy device with adjustable target volume

### prisma30ST: Strong ventilation with the comfort of sleep therapy

prisma30ST is the means of choice for patients who suffer from respiratory insufficiency, e.g., position-dependent hypoventilation and/or COPD, and concurrent SDB (Sleep-Disordered Breathing). Equipped with the unique autoS/T mode with adjustable target volume, autoEPAP and backup frequency, prisma30ST provides comfortable ventilation that quickly leads to lasting treatment success.

#### Therapy

- Versatile: Ventilation modes CPAP, APAP, S, T, S/T, autoS/T, aPCV
- Flexible: Broad pressure range (4 – 30 hPa) and several adjustable parameters for greater flexibility in therapy settings
- Reliable: Assured target volume in every position
- High level of safety: Provided by automatic backup frequency or fixed backup frequency setting plus optional alarms that can be set for leaks, low minute volume, low tidal volume and apnea
- Fast: SCOPES (indication-specific pre-settings) for COPD and hypoventilation with the option of making adjustments at any time
- Precise: Identification of periodic breathing, RERA, snoring, hypopnea, apnea and flow limitations
- For natural breathing: Optional autoTrigger (Trigger IN and Trigger EX)
- For synchronized breathing: Adaptive inspiratory pressure rise (Ramp IN) and expiratory pressure reduction (Ramp EX)

#### 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: Eight clearly identified analog signals for PSG feed
- Practical: Remote management (prismaTSlab) via LAN with therapy software prismaTS
- Worry-free: prismaLine requires no maintenance

#### Comfort

- Barely audible: Unheard-of stillness even at high pressures
- User-oriented: Separate operation menus for experts and patients allow navigation tailored to user's needs.
- 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

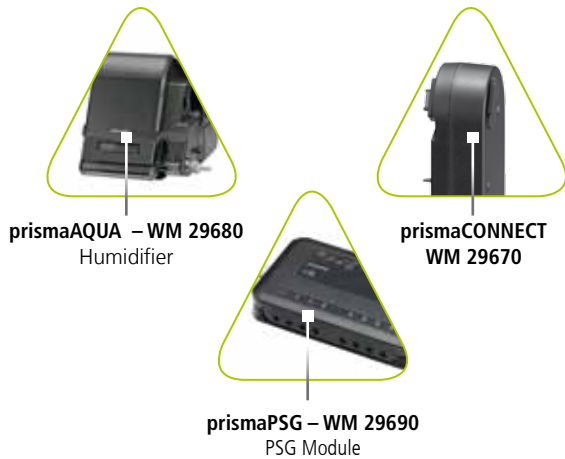
**prismaLINE is the intelligent system solution for treatment of respiratory disorders.**

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**
- Power failure detector – WM 29650**

You'll find more information about our therapy solutions, accessories and mask systems at [weinmann-medical.com](http://weinmann-medical.com)

<b>Product class as per Directive 93/42/EEC</b>	IIa	<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>Dimensions (W x H x D)</b>	170 x 135 x 180 mm	<b>CPAP operating pressure range</b>	4 to 20 hPa
<b>Weight</b>	about 1.4 kg	<b>BIlevel operating pressure range</b>	4 to 30 hPa
<b>Temperature range</b> ■ Operation: ■ Storage:	+5 °C to +40 °C -25 °C to +70 °C	<b>Relative inspiration time Ti/ Tset</b>	25% to 67%
<b>Permitted humidity, operation and storage</b>	rel. humidity 15 % to 93 %, no condensation	<b>Trigger Inspiration (Trigger IN) Trigger Expiration (Trigger EX)</b>	auto or can be set at 3 levels auto or can be set at 3 levels
<b>Air pressure range</b>	700 – 1060 hPa corresponds to altitude of 3000 meters	<b>Pressure rise (Ramp IN) Pressure reduction (Ramp EX)</b>	can be set at 4 levels can be set at 3 levels
<b>Diameter of breathing tube connection (mask)</b>	19.5 mm (fits standard tapered connector)	<b>Back up frequency</b>	0, 6 to 35 bpm
<b>Electric rating</b>	max. 40 VA	<b>Adjustable target volume</b>	can be set in 3 speed levels
<b>System interface</b>	12 V DC max. 10 VA	<b>Pressure accuracy</b>	<20 hPa ± 0.6 hPa, ≥20 hPa ±0.8 hPa
<b>Power consumption in</b> ■ Operation (therapy): ■ Standby:	<b>230 V</b> <b>115 V</b> 0.11 A    0.22 A 0.036 A    0.019 A	<b>Peak flow as per ISO 80601-2-70, mode BIlevel, without humidifier</b>	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
<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>Stability of the dynamic pressure (short-term accuracy) for 10 breaths/ min as per ISO 17510-1:2007 when using the 19 mm hose.</b>	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
<b>Alarms</b>	severe leakage, disconnection (tube), long apnea, low minute volume, low tidal volume		
<b>Modes</b>	CPAP, APAP, S, S/T, T, autoS/T, aPCV		

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<b>Device Description</b>	<b>WM-Nr.</b>
prisma30ST	29930



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.