



prisma30ST-C

BiLevel ST therapy with quick and easy settings

Effective and effortless: Ventilation with prisma30ST-C

The prisma30ST-C provides effective and lasting non-invasive ventilation especially for patients who suffer from respiratory insufficiency. With intuitive navigation and therapy parameter settings, the BiLevel ST device offers simple and safe user support.

Therapy

- Versatile: Ventilation modes CPAP, S, T, S/T, aPCV
- Flexible: Broad pressure range (4 – 30 hPa)
- High level of safety: Ensured by optional alarms with settings for leaks, low minute volume, low tidal volume and apnea
- For natural breathing: Optional autoTrigger (Trigger IN and Trigger EX)
- For synchronized breathing: Inspiratory pressure rise (Ramp IN)
- 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

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
- 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

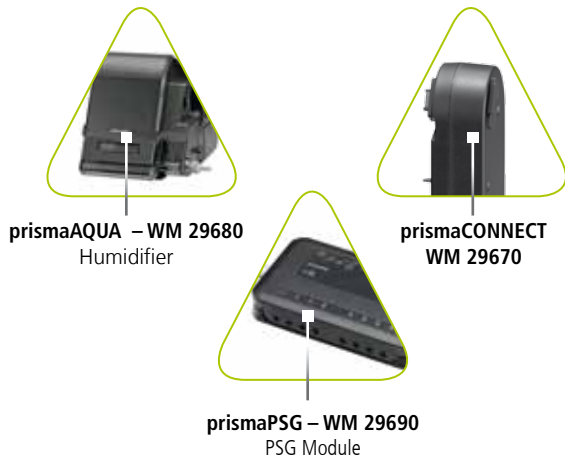
prismaLINE is the intelligent system solution for treatment of respiratory disorders.

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

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|---|---|--|---|
| Product class as per Directive 93/42/EEC | IIa | Modes | CPAP, S, S/T, T, aPCV |
| 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 30 hPa |
| Permitted humidity, operation and storage | rel. humidity 15 % to 93 %, no condensation | Relative inspiration time Ti/Tset | 25% to 67% |
| Air pressure range | 700 – 1060 hPa corresponds to altitude of 3000 meters | Trigger Inspiration (Trigger IN) / Trigger Expiration (Trigger EX) | auto or can be set at 3 levels |
| Diameter of breathing tube connection (mask) | 19.5 mm (fits standard tapered connector) | Pressure rise | can be set at 4 levels |
| Electric rating | max. 40 VA | Back up frequency | 0; 6 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 30.0 hPa 190 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 | severe leakage, disconnection (tube), long apnea, low minute volume, low tidal volume | | |

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|---------------------------|---------------|
| Device Description | WM-Nr. |
| prisma30ST-C | 29940 |



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

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