

prisma25ST

BiLevel-ST Therapy with Maximum Flexibility.

prisma25ST is the therapy device of choice for treatment of obstructive, mixed or complex sleep apnea with comorbidities. Maximum flexibility in BiLevel settings, several automatic functions and comfort-enhancing features provide safe, effective and whisper-quiet **BiLevel-ST therapy Made in Germany.**

Major features at a glance

- Modes: CPAP, APAP, S, S/T, T, autoS, autoS/T
- Large touchscreen with smart menu navigation allows fast and intuitive operation
- Maximum BiLevel flexibility:
 - Additional pressure relief (Bi soft 1/2)
 - Automatically regulated pressure difference (autoPDIFF)
 - autoTriLevel provides additional safe breathing comfortt
- Deep sleep and respiratory stability indicators go into the evaluation of sleep quality
- Top-level safety with automatic or permanently set backup frequency
- SCOPES for indication-specific pre-settings and a fast start to therapy
- Diverse comfort functions such as autoSTART, autoSTOP, softSTART, pressure relief softPAP
- Modern connectivity: telemedicine, SD, PSG, LAN
- With smartAQUAcontrol (with use of prismaAQUA): Intelligent humidification without extra sensors

Our Software Solutions



- **prisma CLOUD**
The telemedical connection for experts and patients. Information about therapy updated daily, fully automated, from anywhere.
- **prisma APP**
The prisma APP supports and motivates patients to adhere to treatment.
- **prismaTS**
Therapy software for experts. For detailed data analysis and remote settings.



Accessories

| | | | | | |
|--------------------------|----------|---|----------|--|-----------|
| Humidifier | | Breathing tubes | | prismaCHECK SpO ₂ module | WM 29390 |
| prismaAQUA | WM 29680 | Breathing tube Ø 22 mm | WM 24445 | | |
| | | Ø 15 mm | WM 29988 | GSM modems for prisma CLOUD | |
| Filters | | Breathing tube, autoclavable Ø 22 mm | WM 24667 | 2G worldwide | WM 31240 |
| Bacteria filter | WM 24476 | | | 4G for EU | LMT 31831 |
| Set of 12 pollen filters | WM 29652 | prismaHYBERNITE heated breathing tube Ø 22 mm | WM 29067 | 4G for Japan | LMT 31832 |
| | | Ø 15 mm | WM 29083 | 4G for Canada | LMT 31833 |
| Power inverter | | Modules | | Software | |
| 24 V, Truck | WM 24617 | prismaCONNECT | WM 29670 | prismaTS | WM 93335 |
| 12 V, Auto | WM 24616 | prismaPSG PSG module | WM 29690 | therapy software complete with USB data cable | |
| Transport bags | | | | | |
| prismaBAG basic | WM 29708 | | | | |
| prismaBAG premium | WM 29709 | | | | |

You'll find more information about our therapy solutions, accessories and mask systems at loewensteinmedical.com

Technical data

| | | | | |
|---|--|---|--|--|
| Product class as per Directive MDR (UE) 2017/745 | II a | Alarms | leaks and disconnection | |
| Dimensions (W x H x D) | 170 x 135 x 180 mm | Modes | CPAP, APAP, S, S/T, T, autoS, autoS/T | |
| Weight | about 1.4 kg | Mean sound pressure level/Operation ISO 80601-2-70 | about 26.5 dB(A) at 10 hPa | |
| Temperature range • Operation • Transport and Storage | +5 °C to +40 °C -25 °C to +70 °C | CPAP/APAP operating pressure range | 4 to 20 hPa | |
| Permitted humidity, operation and storage | rel. humidity 15% to 93% | BiLevel operating pressure range | 4 to 25 hPa | |
| Pressure range | 700 – 1060 hPa corresponds to altitude of 3000 m above sea level | Relative inspiration time: Ti/Tset | 25% to 67% | |
| Electric rating | max. 40 VA | Trigger | auto or can be set at 3 levels | |
| System interface | 12 V DC max. 10 VA | Pressure increase speed | can be set at three levels | |
| Power consumption in • Operation (treatment): • Standby: | 240 V 100 V 0.11 A 0.25 A 0.035 A 0.022 A | Back up frequency | auto, 0 bpm to 35 bpm | |
| 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 | Pressure accuracy | <20 hPa ± 0.6 hPa, ≥ 20 hPa ± 0.8 hPa | |
| | | Highest flow as per ISO 80601-2-70, mode Bilevel, with humidifier, 19-mm breathing tube | 4.0 hPa 8.0 hPa 12.0 hPa 16.0 hPa 20.0 hPa | 221 l/min 224 l/min 218 l/min 213 l/min 207 l/min |
| | | Stability of dynamic pressure (short-term accuracy) at 10 breaths/min as per ISO 17510-1:2007 with 19-mm breathing tube | 7.0 hPa 10.0 hPa 13.5 hPa 20.0 hPa | Δp ≤ 0,24 hPa Δp ≤ 0,28 hPa Δp ≤ 0,30 hPa Δp ≤ 0,40 hPa |

Device description

prisma25ST

Article Nr.

WM 29920

CE 0197

Please refer to the current price list.

Made in
Germany


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