

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		Modules	
prismaAQUA	WM 29680	Breathing tube Ø 22 mm Ø 15 mm	WM 24445 WM 29988	prismaCONNECT prismaPSG PSG module	WM 29670 WM 29690
Filters		Breathing tube, autoclavable Ø 22 mm		prismaCHECK SpO ₂ module	WM 29390
Bacteria filter	WM 24476	WM 24667		Modem for prisma CLOUD	WM 31240
Set of 12 pollen filters	WM 29652			Software	
Power inverter		prismaHYBERNITE heated breathing tube Ø 22 mm Ø 15 mm		prismaTS therapy software complete with USB data cable	WM 93335
24 V, Truck	WM 24617	WM 29067 WM 29083			
12 V, Auto	WM 24616				
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 93/42/EEC	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 10% to 95%, no condensation	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		Pressure accuracy	<20 hPa ± 0.6 hPa, ≥ 20 hPa ± 0.8 hPa
• 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	Highest 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
		Stability of dynamic pressure (short-term accuracy) at 10 breaths/min as per ISO 17510-1:2007 with 22-mm breathing tube	7.0 hPa Δp ≤ 0.24 hPa 10.0 hPa Δp ≤ 0.28 hPa 13.5 hPa Δp ≤ 0.30 hPa 20.0 hPa Δp ≤ 0.40 hPa

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Device description

Article Nr.

prisma25ST

WM 29920

Please refer to the current price list.

CE 0197



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