

prisma25S

BiLevel-S therapy with lots of flexibility

prisma25S is the device of choice for patients with obstructive, mixed or complex sleep apnea who need high, fluctuating pressure or who have poor CPAP compliance. Maximum flexibility in BiLevel settings, diverse automatic functions, and features that simplify processes and increase patient comfort ensure safe, effective and whisper-quiet **BiLevel-S therapy** Made in Germany.

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.

Major features at a glance

- Modes: CPAP, APAP, S, autoS
- Large touchscreen and 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 comfort
- Settable inspiration ramp and trigger sensitivity
- Deep sleep and respiratory stability indicators go into the evaluation of sleep quality
- Diverse comfort functions such as autoSTART, autoSTOP, softSTART, pressure relief softPAP
- Modern connectivity: telemedicine (telemonitoring, telesetting), SD, PSG, LAN.
- Intelligent humidification without extra sensor with smartAQUAcontrol (for use with prismaAQUA)



Accessories

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

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

Technical data

Product class as per Directive MDR (EU) 2017/745	II a	Alarms	leakage and disconnection	
Dimensions (W x H x D)	170 x 135 x 180 mm	Modes	CPAP, APAP, BiLevel S, autoS	
Weight	about 1.4 kg	Mean sound pressure level/Operation ISO 80601-2-70	approx. 26.5 dB(A) at 10 hPa	
Temperature range • Operation • Transport and Storage	+5 °C to +40 °C -25 °C to +70 °C	CPAP 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	Trigger	auto or can be set at three levels	
Electric rating	max. 40 VA	Relative inspiration duration Ti/Tset	20% to 67%	
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	Pressure accuracy	<20 hPa ± 0.6 hPa, ≥20 hPa ± 0.8 hPa	
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	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

prisma25S

Article Nr.

WM 29900

CE 0197

Please refer to the current price list.

Made in
Germany


Löwenstein Medical Technology
Kronsaalweg 40
22525 Hamburg, Germany
T. +49 40 54702-0
F. +49 40 54702-461
info@loewensteinmedical.com

Sales + Service
Löwenstein Medical
Arzbacher Straße 80
56130 Bad Ems, Germany
T. +49 2603 9600-0
F. +49 2603 9600-50
info@loewensteinmedical.com
loewensteinmedical.com

