

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 (telemonitoring / telesetting) for experts and patients. Information updated daily on therapy, fully automated, from anywhere.
- **prisma APP**
The prisma APP supports and motivates patients to adhere to treatment.
- **prismaTS / prismaTSlab**
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		Modules	
prismaAQUA	WM 29680	Breathing tube		prismaCONNECT	WM 29670
Filters		Ø 15 mm	WM 29988	prismaPSG	WM 29690
		Ø 22 mm	WM 24445	PSG module	
Bacteria filter	WM 24476			prismaCHECK	WM 29390
Set of 12 pollen filters	WM 29652	Breathing tube, autoclavable		SpO ₂ module	
Power inverter		Ø 22 mm	WM 24667	Modem for prisma CLOUD	WM 31240
24 V, Truck	WM 24617	prismaHYBERNITE		Software	
12 V, Auto	WM 24616	heated breathing tube			
Transport bags		Ø 15 mm	WM 29083	prismaTS	WM 93335
		Ø 22 mm	WM 29067	therapy software	
prismaBAG basic	WM 29708			complete with USB data cable	
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	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	
Pressure range	700 – 1060 hPa corresponds to altitude of 3000 m above sea level		BiLevel operating pressure range	4 to 25 hPa	
Electric rating	max. 40 VA		Trigger	auto or can be set at three levels	
System interface	12 V DC max. 10 VA		Relative inspiration duration Ti/Tset	20% to 67%	
Power consumption in • Operation (treatment): • Standby:	240 V 0.11 A 0.035 A	100 V 0.25 A 0.022 A	Pressure increase speed	can be set at three levels	
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 10.5 hPa 17.0 hPa 23.5 hPa 25.0 hPa	235 l/min 225 l/min 215 l/min 200 l/min 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 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 Ord. Nr.

prisma25S WM 29900

CE 0197

Learn more about prisma25S



Please refer to the current price list.



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