

# 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.**

### 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)

### 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.



## Accessories

Humidifier		Breathing tubes		Modules	
prismaAQUA	WM 29680	Breathing tube Ø 15 mm	WM 29988	prismaCONNECT	WM 29670
		Ø 22 mm	WM 24445	prismaPSG PSG module	WM 29690
Filters		Breathing tube, autoclavable Ø 22 mm	WM 24667	prismaCHECK SpO <sub>2</sub> module	WM 29390
Bacteria filter	WM 24476			Modem for prisma CLOUD	WM 31240
Set of 12 pollen filters	WM 29652			Software	
Power inverter		prismaHYBERNITE heated breathing tube Ø 15 mm	WM 29083	prismaTS	WM 93335
24 V, Truck	WM 24617	Ø 22 mm	WM 29067	therapy software complete with USB data cable	
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](http://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		CPAP operating pressure range	4 to 20 hPa	
• Operation	+5 °C to +40 °C	BiLevel operating pressure range	4 to 25 hPa	
• Transport and Storage	-25 °C to +70 °C	Trigger	auto or can be set at three levels	
Pressure range	700 - 1060 hPa corresponds to altitude of 3000 m above sea level	Relative inspiration duration Ti/Tset	20% to 67%	
Electric rating	max. 40 VA	Pressure increase speed	can be set at three levels	
System interface	12 V DC max. 10 VA	Pressure accuracy	<20 hPa ± 0.6 hPa, ≥20 hPa ± 0.8 hPa	
Power consumption in	240 V    100 V	Highest flow as per ISO 80601-2-70, mode Bilevel, without humidifier	4.0 hPa	235 l/min
• Operation (treatment):	0.11 A    0.25 A		10.5 hPa	225 l/min
• Standby:	0.035 A    0.022 A		17.0 hPa	215 l/min
			23.5 hPa	200 l/min
			25.0 hPa	195 l/min
Classification as per EN 60601-1-11		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
• Type of protection from electric shock:	protection class II		10.0 hPa	Δp ≤ 0.28 hPa
• Level of protection from electric shock:	type BF		13.5 hPa	Δp ≤ 0.30 hPa
• Protection from damaging ingress of water and solids:	IP21		20.0 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.



**Löwenstein Medical Technology**  
Kronsaalweg 40  
22525 Hamburg, Germany

Löwenstein Medical  
Arzbacher Straße 80  
56130 Bad Ems, Germany  
T. +49 2603 9600-0  
F. +49 2603 9600-50  
[info@loewensteinmedical.com](mailto:info@loewensteinmedical.com)



[loewensteinmedical.com](http://loewensteinmedical.com)

