



prisma25S

BiLevel-S therapy for high/fluctuating pressure needs and CPAP intolerance



Like all device variants in the prismaLINE, prisma 25S offers intuitive navigation and parameter setting to simplify and accelerate user operation. Patients with obstructive, mixed or complex sleep apnea who have high and /or fluctuating pressure needs and poor CPAP compliance will find the perfect therapy partner in prisma25S. In addition to a broad pressure range and apnea differentiation by means of FOT, the device has process and comfort supporting features to deliver effective, safe and comfortable BiLevel-S therapy Made in Germany.

Major features

- Broad pressure range (4 – 25 hPa) and several adjustable parameters for greater flexibility in therapy settings
- Identification of periodic breathing, RERA, snoring, hypopnea, apnea and flow limitations
- Optionally with autoTRiLevel principle and autoEEPAP regulation
- Optionally with autoTrigger (Trigger IN)
- High resolution therapy data for up to 14 days and detailed statistics for 366 days
- With SD card and USB port
- Eight clearly identified analog signals for PSG feed
- Digital prisma connection (DPC)
- Remote management (prismaTSlab) via LAN with therapy software prismaTS
- Heated breathing tube prismaHYBERNITE
- Easy-to-use accessories

prismaLINE.

A platform to trust

prismaLINE is the intelligent system solution for treatment of respiratory disorders.

The prismaLINE represents a new dimension in operating convenience. The combination of state-of-the-art touch screen and smart Graphical User Interface makes possible unprecedented intuitive and therefore fast usage.

This exceptional operating concept is found throughout the prismaLINE portfolio. Every prismaLINE device provides the user with ideal support for all kinds of work processes and for connectivity and accessories too.

prismaLINE offers the right device for every type of therapy in Löwenstein Medical quality: precise, reliable and unheard-of stillness.

prismaLINE: Synonymous with modern sleep therapy Made in Germany.

Accessories



prismaAQUA – WM 29680
Humidifier



prismaCONNECT
WM 29670



prismaPSG – WM 29690
PSG Module

Accessories (not shown)

Inverter 24V, lorry – WM 24617

Inverter 12V, car – WM 24616

prismaTS – WM 93335

Therapy software, complete with USB data cable

Bacteria filter – WM 24476

Set of 12 pollen filters – WM 29652

Breathing tube, Ø 22 mm – WM 24445

Breathing tube, Ø 15 mm – WM 29988

Autoclavable breathing tube, Ø 22 mm – WM 24667

Heated breathing tube,

prismaHYBERNITE, Ø 15 mm – WM 29083

prismaHYBERNITE, Ø 22 mm – WM 29067

prisma CHECK, SpO₂ module – WM 29390

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

Technical data

Product class as per Directive 93/42/EEC	II a	Alarms	leak and disconnection
Dimensions (W x H x D)	170 x 135 x 180 mm	Modes	CPAP, APAP, BiLevel S and autoS
Weight	about 1.4 kg	Mean sound pressure/ Operation as per ISO 80601-2-70	about 26.5 dB(A) at 10 hPa [corresponds to sound pressure of 34.5 dB(A)]
Temperature range • Operation: • 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 10 % to 95 %, no condensation	BiLevel operating pressure range	4 to 25 hPa
Air pressure range	700 – 1060 hPa corresponds to altitude of 3000 meters	Trigger	auto or can be set at three levels
Diameter of breathing tube	22 mm or 15 mm	Pressure increase speed	can be set at three levels
Electric rating	max. 40VA	Pressure accuracy	<20 hPa ± 0.6 hPa, ≥20 hPa ± 0.8 hPa
System interface	12V DC max. 10VA	Peak flow as per ISO 80601-2-70, mode BiLevel, without humidifier	
Power consumption in • Operation (therapy): • Standby:	230V 115V 0.11 A 0.22 A 0.036 A 0.019 A	4.0 hPa	235 l/min
Classification as per EN 60601-1-11		10.5 hPa	225 l/min
• Type of protection from electric shock:	protection class II	17.0 hPa	215 l/min
• Level of protection from electric shock:	type BF	23.5 hPa	200 l/min
• Protection from damaging ingress of water and solids:	IP21	25.0 hPa	195 l/min
		Stability of the dynamic pressure (short-term accuracy) for 10 breaths/min as per ISO 17510-1:2007 with use of the 22-mm tube.	
		7.0 hPa	Δp ≤ 0.24 hPa
		10.0 hPa	Δp ≤ 0.28 hPa
		13.5 hPa	Δp ≤ 0.3 hPa
		20.0 hPa	Δp ≤ 0.4 hPa

Device description

prisma25S

Ord. Nr.

WM 29900



Please refer to the current price list.

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