



prisma25S

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

prisma25S, the BiLevel-S therapy device in the prismaLINE

Like all device variants in the prismaLINE, prisma 25S offers intuitive navigation and parameter setting to simplify and accelerate user operation.

prisma25S provides the best conditions for pressure regulation and operates quietly even at high inspiration pressures. 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».

Therapy

- Many possibilities: Broad pressure range (4 – 25 hPa) and several adjustable parameters for greater flexibility in therapy settings
- Precise: Identification of periodic breathing, RERA, snoring, hypopnea, apnea and flow limitations
- Proven: Optional TRiLevel pressure curve and autoEEPAP regulation
- Reliable: Apnea differentiation with FOT (Forced Oscillation Technique)
- For natural breathing: Optional autoTrigger (Trigger IN)

Processes

- Good overview: High resolution therapy data for up to 14 days and detailed statistics for 366 days
- Process support: With SD card and USB
- Simple: 8 unmistakable analog signals for PSG feed
- Practical: Remote management (prismaTSlab) via LAN with therapy software prismaTS
- Worry-free: prismaLine requires no maintenance

Comfort

- Very quiet: Unheard-of stillness even at high pressures
- High compliance: Thanks to comfort functions such as softSTART, autoSTART-STOP and continuous mask and therapy feedback
- Ideal conditions: Heated breathing tube optimizes respiratory air and prevents condensation in tube and annoying sounds in mask
- Very simple: Easy-to-use prismaAQUA humidifier

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 Weinmann quality: precise, reliable and unheard-of stillness.

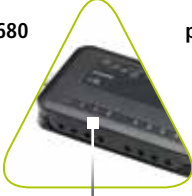
prismaLINE: Synonymous with modern sleep therapy Made in Germany.



prismaAQUA – WM 29680
Humidifier



prismaCONNECT
WM 29670



prismaPSG – WM 29690
PSG Module

Accessories (not shown)

Inverter 24 V, Lkw – WM 24617

Inverter 12 V, Auto – WM 24616

prismaTS – WM 93335

Therapy software, complete with USB data cable

Bacteria filter – WM 24476

Pollen filter – WM 29652

Breathing tube, Ø 19 mm – WM 24445

Breathing tube, Ø 15 mm – WM 29988

Autoclavable breathing tube, Ø 19 mm – WM 24667

prismaHYBERNITE, Ø 22 mm – WM 29067

For more information on our therapy solutions, accessories and mask systems please visit weinmann-medical.com

Product class as per Directive 93/42/EEC	II a	Electromagnetic Compatibility (EMC) as per EN 60601-1-2	Test parameters and thresholds can be requested from manufacturer as needed.
Dimensions (W x H x D)	170 x 135 x 180 mm	■ Radio interference suppression:	EN 55011 B
Weight	about 1.4 kg	■ Radio interference immunity:	IEC 61000-4 Parts 2 to 6, Part 11, Part 8 IEC 61000-3 Parts 2 and 3
Temperature range		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))
■ Operation:	+5 °C to +40 °C		
■ Storage:	-25 °C to +70 °C		
Permitted humidity, operation and storage	rel. humidity 15 % to 93 %, no condensation	CPAP operating pressure range:	4 to 20 hPa
Air pressure range	700 – 1060 hPa corresponds to altitude of 3000 meters	BiLevel operating pressure range	4 to 25 hPa
Diameter of breathing tube connection (mask)	19.5 mm (fits standard tapered connector)	Pressure accuracy:	<20 hPa ± 0.6 hPa, ≥20 hPa ± 0.8 hPa
Electric rating	max. 40 VA	P Lim_{max} (max. pressure in event of device failure)	≤ 40 hPa
System interface	12 V DC max. 10 VA	Max. flow rate as specified in ISO 80601-2-70 without humidifier	
Power consumption in	230 V 115 V	30,0 hPa	194 l/min
■ Operation (therapy):	0.11 A 0.22 A	23,5 hPa	205 l/min
■ Standby:	0.0022 A 0.0044 A	20,0 hPa	209 l/min
Classification as per EN 60601-1-11		17,0 hPa	217 l/min
■ Type of protection from electric shock	Protection class II	16,0 hPa	218 l/min
■ Level of protection from electric shock:	Type BF	12,0 hPa	227 l/min
■ Protection from damaging ingress of water and solids:	IP21	10,5 hPa	227 l/min
Classification as per EN 60601-1		8,0 hPa	233 l/min
■ Operating mode:	continuous operation	4,0 hPa	237 l/min
Alarms	Leak and Disconnection	Heating of respiratory air:	max. +3 °C
Modes	CPAP, APAP, BiLevel S and autoS	Stability of dynamic pressure (short-term accuracy) as per ISO 80601-2-70 - with use of 19-mm tube	
		4 hPa	Δp ≤ 0.68 hPa
		8 hPa	Δp ≤ 0.58 hPa
		12 hPa	Δp ≤ 0.52 hPa
		16 hPa	Δp ≤ 0.44 hPa
		20 hPa	Δp ≤ 0.64 hPa
		Stability of static pressure (long-term accuracy) as per ISO 80601-2-70	
		■ with use of 19-mm tube	Δp = 0.15 hPa
		■ with use of 15-mm tube, bacteria filter and oxygen safety valve	Δp = 0.19 hPa

Device Description
prisma25S

WM-Nr.
29900



Certified Quality
Management System
meeting EC directive
93/42/EEC Annex II (EN ISO 13485)

Please refer to the current price list or contact Customer Service Weinmann.

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