



prisma20A

Therapy flexibility for Obstructive Sleep Apnea (OSA)

With the help of Forced Oscillation Technique (FOT), prisma20A distinguishes between obstructive and central events. In response to events, prisma20A automatically provides continuous pressure adjustments tailored exactly to the patient's needs and thus delivers highly effective treatment. Equipped with the option of combining both CPAP and APAP modes with the comfortable pressure relief softPAP, prisma20A offers a high degree of therapy flexibility. That is our APAP therapy Made in Germany.

Major features

- Identification of periodic breathing, RERA, snoring, hypopnea, apnea and flow limitations
- Continuous check of mask, automatic mask recognition and mask test
- High-resolution therapy data for 14 days and detailed statistics for 366 days
- With SD card and USB port, optional modem for telemedicine
- Eight clearly distinguished analog signals for PSG feed
- Digital prisma connection (DPC)
- Remote management (prismaTSlab) via LAN with therapy software prismaTS
- More comfortable breathing: CPAP with pressure relief softPAP, now also for inspiration support at low pressures (softPAP 3)
- Comfort functions such as softSTART and autoSTART-STOP
- 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 unprecedented intuitive and therefore fast usage possible.

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	IIa	Classification as per EN 60601-1-11	• Type of protection from electric shock	protection class II
Dimensions (W×H×D)	170 × 135 × 180 mm		• Level of protection from electric shock:	type BF
Weight	about 1.4 kg		• Protection from damaging ingress of water and solids:	IP21
Temperature range		Alarms		leak and disconnection
• Operation:	+5 °C to +40 °C	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)]
• Storage:	-25 °C to +70 °C	CPAP/APAP operating pressure range		4 to 20 hPa
Permitted humidity, operation and storage	rel. humidity 10 % to 95 %, no condensation	Pressure accuracy		< 20 hPa ± 0.6 hPa
Air pressure range	700 – 1060 hPa corresponds to altitude of 3000 meters	Peak flow as per ISO 80601-2-70, modes CPAP and APAP, without humidifier		
Diameter of breathing tube	22 mm or 15 mm	4.0 hPa	235 l/min	
Electric rating	max. 40 VA	8.0 hPa	230 l/min	
System interface	12V DC max. 10 VA	12.0 hPa	220 l/min	
Power consumption in	230 V 115 V	16.0 hPa	215 l/min	
• Operation (therapy):	0.11 A 0.22 A	20.0 hPa	210 l/min	
• Standby:	0.036 A 0.019 A	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

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Ord. Nr.

WM 29600



Please refer to the current price list.

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