



prisma SOFT plus / prisma SMART plus
 prisma SOFT max / prisma SMART max
 CPAP and APAP therapy



Flexible. Secure. Reliable.

With prisma SMART and prisma SOFT in the plus and max variants, we offer modern, reliable CPAP and APAP therapy featuring integrated connectivity, precise event detection and a high level of patient comfort.

The **plus** stands for integrated Bluetooth for data transmission to the prisma APP and thus for modern patient self-management. Equipped with an integrated modem, the **max** variants also offer the complete telemedical prisma CLOUD connection.

Löwenstein software solutions

- **prisma CLOUD**
The telemedical connection (telemonitoring / telesetting) for experts and patients. Information updated daily on therapy, fully automated, from anywhere
- **prisma APP**
Modern patient self-management with the prisma APP, thanks to integrated Bluetooth
- **prismaTS/prismaTSlab**
Therapy software for experts. For detailed data analysis and remote setting
- **prisma JOURNAL**
Everything at a glance for patients, with no need to transmit data



The most important features at a glance

- Two dynamic options for pressure adjustment in APAP mode
- Deep sleep indicator prisma RECOVER for evaluation of sleep quality
- Several convenience functions such as autoSTART, softSTART, pressure relief softPAP
- Detection of periodic breathing, RERA, snoring, hypopnea, apnea and flow limitations
- Reliable differentiation of obstructive apnea from central apnea, thanks to FOT (Forced Oscillatory Technique)
- Extensive range of prisma accessories
- Diverse interfaces (SD, PSG, LAN)
- Unheard-of silence



Accessories

prismaAQUA Humidifier, white	WM 29490	Breathing tubes		Modules	
Set of 12 pollen filters	WM 29652	Breathing tube Ø 22 mm	WM 24445	prismaPSG PSG module	WM 29690
DC Adapter 12/24 V	WM 24469	Breathing tube Ø 15 mm	WM 29988	prisma HUB	WM 31660
Medistrom™ Pilot-24 lite Battery	WM 31704	Breathing tube Autoclavable Ø 22 mm	WM 24667	Modem for prisma CLOUD	WM 31740
Transport Bags		HYBERNITE Superday, Ø 19 mm, Heated breathing tube	WM 29045	Telemedical connection for plus variants	
prismaBAG basic	WM 29708			Software	
prismaBAG premium	WM 29709			prismaTS Therapy software complete with USB data cable	WM 93335

Technical data

Product class as per Directive 93/42/EEC	II a	Mean sound pressure level/ Operation ISO 80601-2-70	approx. 26 dB(A) at 10 hPa
Dimensions (W x H x D)	170 x 135 x 180 mm	CPAP operating pressure range	4 to 20 hPa
Weight	1.34 kg	softSTART adjustable	5 to 45 min
Temperature range • Operation: • Transport and Storage	+5 °C to +40 °C -25 °C to +70 °C	Highest flow as per ISO 80601-2-70 Mean flow at patient connection port, 22-mm tube	4 hPa: 150 l/min 8 hPa: 174 l/min 12 hPa: 174 l/min 16 hPa: 170 l/min 20 hPa: 164 l/min
Permitted humidity, operation and storage:	rel. humidity 15% to 93%, no condensation	Stability of dynamic pressure (short-term accuracy) at 10 breaths/min. as per ISO 80601-2-70 at:	With 22-mm breathing tube, with and without humidifier: 4 hPa: $\Delta p \leq 0.3$ hPa 8 hPa: $\Delta p \leq 0.4$ hPa 12 hPa: $\Delta p \leq 0.5$ hPa 16 hPa: $\Delta p \leq 0.5$ hPa 20 hPa: $\Delta p \leq 0.6$ hPa
Pressure range:	700 hPa to 1060 hPa, corresponds to altitude of 3000 m above sea level automatic altitude adjustment	Stability of static pressure (long-term accuracy) ISO 80601-2-70	$\Delta p < 0.25$ hPa +/- 3% of measurement
Electric rating:	max. 40 VA	Pollen filter to 1 µm to 0.3 µm	Filter class E10 ≥ 99.5 % ≥ 85 %
System interface:	24 V DC max. 5 VA		
Power consumption in • Operation (treatment): • bei Bereitschaft (Standby):	240 V 100 V 0.16 A 0.36 A 0.035 A 0.061 A		
Classification as per EN 60601-1-1 I I: • 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		

Device description	Ord. Nr.
prisma SOFT plus CPAP therapy device with Bluetooth	LMT 31940
prisma SOFT max CPAP therapy device with Bluetooth and modem	LMT 31980
prisma SMART plus APAP plusAPAP therapy device with Bluetooth	LMT 31920
prisma SMART max APAP therapy device with Bluetooth and modem	LMT 31960

Please refer to the current price list.



 **Löwenstein Medical Technology**
Kronsaalweg 40, 22525 Hamburg
Germany
T: +49 40 54702-0
F: +49 40 54702-461
info@loewensteinmedical.de
www.loewensteinmedical.de

Löwenstein Medical
Arzbacher Straße 80, 56130 Bad Ems
Germany
T: +49 2603 9600-0
F: +49 2603 9600-50
info@hul.de
www.hul.de

