

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.

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) ...

... and it's **quiet as a whisper for the well-being and comfort of patients and partners.**

Our Software Solutions



- **prisma CLOUD**
The telemedical connection 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**
Therapy software for experts. For detailed data analysis and remote settings.



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Accessories

prismaAQUA Humidifier, white	WM 29490	Breathing tubes	Modules
Set of 12 pollen filters	WM 29652	Breathing tube Ø 15 mm	prismaPSG PSG module
DC Adapter 12/24 V	WM 24469	Ø 22 mm	WM 29988 WM 24445
Medistrom™ Pilot-24 lite Battery	WM 31704	Breathing tube, autoclavable Ø 22 mm	prisma HUB Modem for prisma CLOUD
Transport Bags			WM 31660 WM 31240
prismaBAG basic	WM 29708	HYBERNITE Superday Heated breathing tube	Software
prismaBAG premium	WM 29709	Ø 22 mm	prismaTS Therapy software complete with USB data cable
			WM 93335

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

Technical data

Product class as per Directive 93/42/EEC	II a	Mean sound pressure level/Operation ISO 80601-2-70	approx. 26,5 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	ca. 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	4.0 hPa: 150 l/min 8.0 hPa: 174 l/min 12.0 hPa: 174 l/min 16.0 hPa: 170 l/min 20.0 hPa: 164 l/min
Permitted humidity, operation and storage:	rel. humidity 10% to 95%, 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: Δp ≤ 0.3 hPa Δp ≤ 0.4 hPa Δp ≤ 0.5 hPa Δp ≤ 0.5 hPa Δp ≤ 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	Δp < 0.25 hPa +/- 3 % of measurement
Electric rating:	max. 40 VA	Pollen filter to 1µm to 0,3µm	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 60601-1-11 • 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

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 therapy device with Bluetooth	LMT 31920
prisma SMART max, APAP therapy device with Bluetooth and modem	LMT 31960

CE 0197

Please refer to the current price list.



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