

prisma20C

CPAP Therapy with softPAP and FOT

With Forced Oscillation Technique (FOT), prisma20C reliably distinguishes obstructive from central apnea events. The device provides information the doctor needs to make therapy decisions targeted to the indication. Flexible setting options along with process-supporting and comfort-enhancing functions ensure safe, effective and whisper-quiet CPAP therapy **Made in Germany.**

Major features at a glance

- Mode: CPAP
- Large touchscreen with smart menu navigation allows fast and intuitive operation
- Pressure relief softPAP, in softPAP 3 with additional inspiratory support
- Deep sleep indicator for sleep quality evaluation
- Comfort-enhancing functions such as autoSTART, autoSTOP, softSTART, mask test
- Modern connectivity: telemedicine, SD, PSG, LAN.
- With smartAQUAcontrol (with use of prismaAQUA): Intelligent humidification without extra sensors

Our Software Solutions



- **prisma CLOUD**
The telemedical connection for experts and patients. Information about therapy updated daily, 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.



Accessories

Humidifier		Breathing tubes		Modules	
prismaAQUA	WM 29680	Breathing tube Ø 22 mm Ø 15 mm	WM 24445 WM 29988	prismaCONNECT prismaPSG PSG module	WM 29670 WM 29690
Filters		Breathing tube, autoclavable Ø 22 mm	WM 24667	prismaCHECK SpO ₂ module	WM 29390
Bacteria filter	WM 24476			Modem for prisma CLOUD	WM 31240
Set of 12 pollen filters	WM 29652			Software	
Power inverter		prismaHYBERNITE heated breathing tube Ø 22 mm Ø 15 mm	WM 29067 WM 29083	prismaTS therapy software complete with USB data cable	WM 93335
24 V, Truck	WM 24617				
12 V, Auto	WM 24616				
Transport bags					
prismaBAG basic	WM 29708				
prismaBAG premium	WM 29709				

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	Alarms	leakage and disconnection	
Dimensions (W x H x D)	170 x 135 x 180 mm	Mode	CPAP	
Weight	about 1.4 kg	Mean sound pressure level/Operation ISO 80601-2-70	about 26.5 dB(A) at 10 hPa	
Temperature range • Operation • Transport and 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	Pressure accuracy	<20 hPa ± 0.6 hPa, ≥ 20 hPa ± 0.8 hPa	
Pressure range	700 – 1060 hPa corresponds to altitude of 3000 m above sea level	Highest flow as per ISO 80601-2-70, CPAP mode, without humidifier	4.0 hPa 8.0 hPa 12.0 hPa 16.0 hPa 20.0 hPa	235 l/min 230 l/min 220 l/min 215 l/min 210 l/min
Electric rating	max. 40 VA	Stability of dynamic pressure (short-term accuracy) at 10 breaths/min as per ISO 17510-1:2007 with 22-mm breathing tube	7.0 hPa 10.0 hPa 13.5 hPa 20.0 hPa	Δp ≤ 0.24 hPa Δp ≤ 0.28 hPa Δp ≤ 0.30 hPa Δp ≤ 0.40 hPa
System interface	12 V DC max. 10 VA			
Power consumption in • Operation (treatment): • Standby:	240 V 100 V 0.11 A 0.25 A 0.035 A 0.022 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

prisma20C

Article Nr.

WM 29630

CE 0197

Please refer to the current price list.



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