

# 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

<b>Humidifier</b>		<b>Breathing tubes</b>		prismaCHECK SpO <sub>2</sub> module	WM 29390
prismaAQUA	WM 29680	Breathing tube Ø 22 mm	WM 24445		
<b>Filters</b>		Ø 15 mm	WM 29988	<b>GSM modems for prisma CLOUD</b>	
Bacteria filter	WM 24476	Breathing tube, autoclavable Ø 22 mm	WM 24667	2G worldwide	WM 31240
Set of 12 pollen filters	WM 29652	prismaHYBERNITE heated breathing tube Ø 22 mm	WM 29067	4G for EU	LMT 31831
<b>Power inverter</b>		Ø 15 mm	WM 29083	4G for Japan	LMT 31832
24 V, Truck	WM 24617	<b>Modules</b>		4G for Canada	LMT 31833
12 V, Auto	WM 24616	prismaCONNECT	WM 29670		
<b>Transport bags</b>		prismaPSG	WM 29690	<b>Software</b>	
prismaBAG basic	WM 29708	PSG module		prismaTS	WM 93335
prismaBAG premium	WM 29709			therapy software complete with USB data cable	

You'll find more information about our therapy solutions, accessories and mask systems at [loewensteinmedical.com](http://loewensteinmedical.com)

## Technical data

Product class as per Directive MDR (EU) 2017/745	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 15% to 93%	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, humidifier, 19-mm breathing tube	4.0 hPa 8.0 hPa 12.0 hPa 16.0 hPa 20.0 hPa	221 l/min 224 l/min 218 l/min 213 l/min 207 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 19-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.

Made in  
Germany

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

**Sales + Service**  
Löwenstein Medical  
Arzbacher Straße 80  
56130 Bad Ems, Germany  
T. +49 2603 9600-0  
F. +49 2603 9600-50  
info@loewensteinmedical.com  
loewensteinmedical.com



 With people in mind

