

# Prisma SOFT & Prisma SMART plus Prisma SOFT & Prisma SMART max CPAP & APAP Therapy

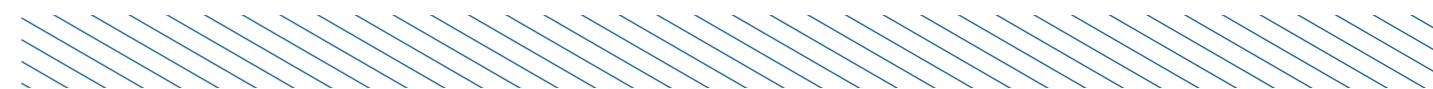
## Flexible. Secure. Reliable

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.

## Key Features:

- » 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 Oscillation Technique)
- » Extensive range of prisma accessories
- » Diverse interfaces (SD, PSG, LAN)



Product Class as per Directive 93/42/EEC	IIa		Mean sound pressure/ Operation as per ISO80601-2-70	about 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	1.34 kg		softSTART adjustable	5 to 45 min	
Temperature range	<ul style="list-style-type: none"> <li>• Operation +5°C to +40°C</li> <li>• Storage -25°C to +70°C</li> </ul>		Highest flow per ISO 80601-2-70	4 hPa:	150 l/min
Permitted humidity, operation & storage	Rel. humidity 15% to 93%, no condensation		Mean flow at patient connection port, 22-mm tube	8 hPa:	174 l/min
Air pressure range	700-1,060 hPa Corresponds to altitude of 3,000 m above sea level automatic altitude adjustment		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:	12 hPa:	174 l/min
Electric rating	Max. 40VA			16 hPa:	170 l/min
System Interface	24V DC max. 5VA			20 hPa:	164 l/min
Power consumption in:	240V	100V	4.0 hPa	Δ	p ≤ 0.3 hPa
• Operation (therapy)	0.16 A	0.36 A	8 hPa	Δ	p ≤ 0.4 hPa
• Standby	0.035 A	0.061 A	12 hPa	Δ	p ≤ 0.5 hPa
Classification as per EN 60601-1-11			16 hPa	Δ	p ≤ 0.5 hPa
• Type of protection from electric shock:	Protection class II		20 hPa	Δ	p ≤ 0.6 hPa
• Level of protection from electric shock:	Type BF		Stability of static pressure (long-term accuracy) ISO 80601-2-70	Δ	p < 0.25 hPa +/- 3% of measurement
• Protection from damaging ingress of water & solids:	IP21		Pollen filter to 1 μm to 0.3 μm		Filter class E10 ≥99.5% ≥85%

