

Versatile, Reliable, Comfortable,

prisma30ST-HFT is the therapy device of choice for treatment of patients with Sleep-Disordered Breathing, chronic reduced respiratory drive and respiratory insufficiency.

Equipped with a variety of BiLevel options, target volume, backup frequencies and High Flow option, prisma30ST-HFT provides effective ventilation support that leads to lasting treatment success.

Major features at a glance

- Modes CPAP, APAP, S, T, S/T, autoS/T, aPCV and High Flow.
- Broad pressure range (4 30 hPa)
- State-of-the-art connectivity: Telemedicine (telemonitoring, telesetting), SD card, USB, LAN, PSG.
- SCOPES for indication-specific pre-settings
- Identification of periodic breathing, RERA, snoring, hypopnea, apnea and flow limitations
- · With indicators for deep sleep and respiratory stability
- With adaptive ramps (IN/EX) and auto Trigger (IN/EX)

- Comfort functions such as autoSTART, autoSTOP, softSTART, softSTOP
- With smartAQUAcontrol (with use of prismaAQUA); intelligent humidification without extra sensors
- Additional High-Flow Therapy (HFT) option
 - Flushing of dead space and CO, elimination
 - Humidification and warming of the airways
 - Oxygenation improvement
 - Reduction in spontaneous respiratory rate



Humidifier		Breathing tubes		For High-Flow Therapy only	
prismaAQUA	WM 29680	Breathing tube Ø 22 mm	WM 24445	prisma VENT AQUA	100506
Filters		Breathing tube	WM 29988	Humidifier	
Bacteria filter	WM 24476	Ø 15 mm		High-Flow leakage	271705
Set of 12 pollen filters	WM 29652	Breathing tube Autoclavable Ø 22 mm	WM 24667	(i), auto-fill chamber, passive valve, Connection for HFT nasal cannula	
Modules prismaCHECK	WM 29390	prismaHYBERNITE, Ø 15 mm Heated breathing tube	WM 29083	(150 cm + 60 cm, 22 mm &	Ø)
SpO ₂ module		prismaHYBERNITE, Ø 22 mm WM 29067		Oxi Plus High-Flow nasal cannula	
prismaCONNECT	WM 29670	Heated breathing tube Software		Sold in packages of 15	
prismaPSG PSG module	WM 29690			Size 2 Size 3	270822 270823
Modem for prismaCLOUD	WM 31240	prismaTS Therapy software complete with USB data cable	WM 93335	Size 4 27082	270824

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Product class as per Directive 93/42/EEC II a		Alarms	apnoe, low minute volume, low tidal volume, disconnection, high leak (optional)	
Dimensions (W \times H \times D)	170 × 135 × 180 mm	CPAP operating pressure range	4 hPa to 20 hPa	
Weight I.4 kg		BILevel operating pressure range	4 hPa to 30 hPa	
Temperature range • Operation:	+5 °C to +40 °C	HFT flow	adjustable 10 l/min to 60 l/min	
Transport and Storage:	-25 °C to +70 °C	Pressure accuracy	< 20 hPa: ± 0.6 hPa ≥ 20 hPa: ± 0.8 hPa	
Permitted humidity, operation and storage	rel. humidity 15% to 93%, no condensation	Target volume	adjustable 300 to 2,000 ml	
Air pressure range	700 hPa to 1060 hPa.	Backup frequency	0 bpm, 5 to 35 bpm, auto	
	corresponds to altitude of 3000 meters	softSTART, softSTOP adjustable	5 to 45 min	
Electric rating	max. 40 VA	-Ti -Ti min -Ti max	0.3 s to 4 s 0.3 s to 4 s 0.3 s to 4 s	
System interface 12V DC max. 10VA		-Ti timed	auto, 0.3 s to 4 s	
Power consumption in Operation (treatment): Standby:	240V 100V 0.11 A 0.25 A 0.035 A 0.022 A	Peak flow as per ISO 80601-2-70, BiLevel mode	4 hPa 235 I/min 10.5 hPa 225 I/min 17 hPa 215 I/min 23.5 hPa 200 I/min 25 hPa 195 I/min 30.0 hPa 190 I/min	
Classification as per EN 60601-1-11: • Type of protection from electric sho	ck: protection class II	Stability of the dynamic pressure (sho	rt-term accuracy)	
 Level of protection from electric sho 	1	as per ISO 80601-2-70 in modes with		
Protection from damaging ingress of water and solids:		at 10 bpm inspiratory at 15 bpm inspiratory at 20 bpm inspiratory	$\Delta p = 0.8 \text{ hPa}$ $\Delta p = 1.4 \text{ hPa}$ $\Delta p = 2.4 \text{ hPa}$	
Mean sound pressure/ Operation as per ISO 80601-2-70	about 26,5 dB(A) at 10 hPa	at 10 bpm expiratory at 15 bpm expiratory at 20 bpm expiratory	$\Delta p = 0.6 \text{ hPa}$ $\Delta p = 0.6 \text{ hPa}$ $\Delta p = 0.6 \text{ hPa}$	

Device description	Ord. Nr.
prisma30ST-HFT	WM 29730

Please refer to the current price list.

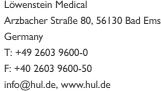
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