



prisma VENT50 Ventilator



prisma VENT50 – for high-level ventilation therapy.

As a follow-up to the successful launch of prisma VENT30 and prisma VENT40 in 2016, we are rounding off our new ventilation line for non-invasive and invasive ventilation with the prisma VENT50.

The prisma VENT50 can be used to ventilate with the leakage system and also with the single circuit with patient valve. Other features include pressure and volume-controlled mouthpiece ventilation modes (MPVp und MPVv), LIAM (Lung Insufflation Assist Maneuver) for cough support and secretion management and a wide pressure range of up to 50 hPa. Equipped with so many extras, the prisma VENT50 can treat a much broader spectrum of disorders.

The prisma VENT50 also has a complete alarm management system, power pack, rechargeable battery with a capacity of up to 12 hours and integrated oxygen connection.

- Brilliant display
Large display, high contrast, sharpness and natural colors.
- Easy handling
Intuitive menus, simple operation, quick optimization.
- 360° easy turn
Simple settings with 360° easy turn dial and quick-selection keys.
- Allover compatibility
Fits nearly all hoses, supplies additional devices, functions with conventional cable.
- Low noise
Whisper-quiet operation, more compliance and well-being of patient and others nearby.

Modular accessories

prismaAQUA – WM 29490
Humidifier

prismaPSG – WM 29690
PSG module

prisma CHECK – WM 29390
SpO₂ module and nurse call module

prismaHYBERNITE – WM 29067
Heated tube

prismaCONNECT – WM 29670
Communication module for WiFi and PSG



You'll find the complete line of accessories in the prismaVENT accessories catalog.

Technical data

Product Class as per 93/42/EEC	IIa	
Dimensions W x H x D in cm	21.8 x 17.5 x 21.8	
Weight	2.5 kg	
Weight of internal rechargeable battery	0.63 kg	
Maximum air flow at 20 hPa	>220 l/min	
Operating time of internal rechargeable battery with the following settings: T modus, f = 20 /min, Ti = 1 s, PEEP = 4 hPa, Vt = 800ml Passive lungs: Resistance R = 5 hPa (l/s); Compliance C = 50 ml/hPa	> 10 hours	
IPAP pressure range	4 to 50 hPa	
PEEP pressure range	4 to 25 hPa (leakage system) 0 to 25 hPa (valve system)	
Respiratory rate	0 to 60 l/min	
Target volume	100 ml to 2000 ml	
Trigger levels Inspiration Expiration	I (high sensitivity) to 8 (low sensitivity) 95% to 5% of maximum flow in steps of 5%	
Pressure increase speed	Level 1: 100 hPa/s Level 2: 80 hPa/s	Level 3: 50 hPa/s Level 4: 20 hPa/s
Pressure decrease speed	Level 1: 100 hPa/s Level 2: 80 hPa/s	Level 3: 50 hPa/s Level 4: 20 hPa/s
Tidal volume	100 ml to 2000 ml	
Maximum allowed flow with oxygen feed	15 l/min	

Device description

prisma VENT50
prisma VENT50 with integrated rechargeable battery

Article Nr.

WM 30670
WM 30650



Please refer to the currently valid price list.

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