prisma VENT50-C

Invasive and non-invasive ventilation with high flow mode.

prisma VENT50-C offers the same features as prisma VENT50 and a high flow option:

- high flow of 5 – 60 l/min
- use of leakage and single circuits with valve for treatment of a broad spectrum of diseases
- with autoS/T mode (autoEPAP, autoF) and target volume (100 – 2,000 ml)
- includes helpful functions for COPD treatment, such as maximum setting for expiratory ramp, AirTrap Control and Trigger Lockout
- integrated secretion management and cough support with LIAM (Lung Insufflation Assist Maneuver)
- pressure-controlled und volume-controlled mouthpiece ventilation (MPV)
- integrated port for oxygen feed
- three ventilation programs stored in device memory
- complete alarm management

- rechargeable battery with 10-hour capacity
- easy to use thanks to intuitive menus, simple operation and quick access

Quiet as a whisper – for the comfort and well-being of patients and partners.

Our Software Solutions

- **prisma CLOUD**
  The telemedical connection for experts and patients. Information updated daily on therapy, remote setting of therapy parameters. Fully automated, from anywhere.
- **prismaTS**
  Therapy software for experts. For detailed data analysis and remote settings.

prisma VENT50-C

Accessories

prisma VENT AQUA	
Respiratory air humidifier	WM 100506
Single circuit with valve, heated (i)	
auto-fill chamber, 150 cm + 60 cm	
15 mm Ø	WM 271707
22 mm Ø	WM 271708
Single circuit with valve	
15 mm Ø	LMT 31383
22 mm Ø	LMT 27181
Leakage circuit	
22 mm Ø, black	WM 23962
22 mm Ø, autoclavable	WM 24667
15 mm Ø	WM 29988
Inverter	
12 V	WM 24616

For High Flow Therapy only

Leakage circuit, heated (i)	
auto-fill chamber, 150 cm + 60 cm	
15 mm Ø	WM 271705
22 mm Ø	WM 271704
High Flow nasal cannula adult	
Size S	LMT 29754
Size M	LMT 29755
Size L	LMT 29756
High Flow nasal cannula child	
Size S	LMT 29751
Size M	LMT 29752

Technical specifications

Product class as per MDR (EU) 2017/745	IIa	Ti/Ti max Ti min, Ti max, Ti timed	0.5 s – 4 s 0.2 s – 4 s auto (only Ti timed)
Dimensions in cm (W x H x D):	21.8 x 17.5 x 21.8	Respiratory rate	0 – 60 breaths/min
Weight	2.5 kg	Target volume	100 ml – 2000 ml
Weight of internal rechargeable battery (for variant with battery)	0.63 kg	Trigger levels - Inspiration - Expiration	1 (high sensitivity) to 8 (low sensitivity) 95% to 5% of maximum flow in steps of 5%
Maximum air flow at 20 hPa	> 220 l/min		
Operating time of internal rechargeable battery with the following settings: T mode, f = 20 /min, Ti = 1 s, PEEP = 4 hPa, Vt = 800 ml Passive lungs: Resistance R = 5 hPa (l/s); Compliance C = 50 ml/hPa	> 10 hours	Pressure increase speed	Level 1: 100 hPa/s Level 2: 80 hPa/s Level 3: 50 hPa/s Level 4: 20 hPa/s
IPAP pressure range	4 – 50 hPa ±1.2 hPa (±8% of setting)	Pressure decrease speed	Level 1: 100 hPa/s Level 2: 80 hPa/s Level 3: 50 hPa/s Level 4: 20 hPa/s max: slow pressure adjustment
PEEP pressure range - leakage system: - single circuit with valve:	4 hPa – 25 hPa 0 hPa – 25 hPa ±1.2 hPa (±8% of setting)	Maximum allowed flow with oxygen supply	15 l/min

Device designation / Article no.

Device designation	Article no.
prisma VENT50-C	WM 30680-1110
prisma VENT50-C with integrated rechargeable battery	WM 30690-1110

Please refer to the currently valid price list.

CE 0197

With people in mind