

prisma VENT50-C

Invasive and non-invasive ventilation with high-flow mode.

prisma VENT50-C has more options than prisma VENT50 for **top-level ventilation**:

- Pressure range up to 50 hPa
- Use of leakage and single patient circuits with patient valve for treatment of a broad spectrum of diseases
- Additional High-Flow Therapy option of 5 to 60 liters/min
- With autoST 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 and volume-controlled Mouthpiece Ventilation (MPV)
- Integrated port for oxygen feed

- Three ventilation programs stored in device memory
- Complete alarm management
- Rechargeable battery with 12-hour capacity
- Easy to use, thanks to intuitive menus, simple operation and quick access ...

... and it's **quiet as a whisper for the well-being and comfort of patients and partners.**

Our Software Solutions



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





prisma VENT50-C

Accessories

prisma VENT AQUA	
Respiratory gas humidifier	WM 100506
Single patient circuit valve system, heated (i)	
auto-fill chamber, 150 cm + 60 cm	
15 mm Ø	WM 271707
22 mm Ø	WM 271708
Single patient circuit valve system	
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	
24 V	WM 24617
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 data

Product Class as per MDR (EU) 2017/745	IIa	Ti/Ti max	0,5 s – 4 s
		Ti min, Ti max, Ti timed	0,2 s – 4 s auto (only Ti timed)
Dimensions W x H x D in cm	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	
Maximum air flow at 20 hPa	> 220 l/min	- Inspiration	1 (high sensitivity) to 8 (low sensitivity)
Operating time of internal rechargeable battery with the following settings: T mode, f = 20 /min, Ti = 1 s, PEEP = 4 hPa, Vt = 800 ml	> 12 h	- Expiration	95% to 5% of maximum flow in steps of 5%
Passive lungs: Resistance R = 5 hPa (l/s); Compliance C = 50 ml/hPa		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		Maximum allowed flow with oxygen feed	15 l/min
- leakage system:	4 hPa – 25 hPa		
- valve system:	0 hPa – 25 hPa ±1.2 hPa (±8% of setting)		

Device description

prisma VENT50-C	WM 30680-1110
prisma VENT50-C with integrated rechargeable battery	WM 30690-1110

Article Nr.

CE 0197

Learn more about prisma VENT50-C



Please refer to the currently valid price list.



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