

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

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

15 mm Ø	WM 29988
22 mm Ø, black	WM 23962
22 mm Ø, autoclavable	WM 24667
22 mm Ø	WM 24445

prismaHYBERNITE

15 mm Ø	WM 29083
19 mm Ø	WM 29067

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	0.5 s – 4 s
		Ti min, Ti max, Ti timed	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	5 – 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	> 10 hours	- 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 supply	15 l/min
- leakage system:	4 hPa – 25 hPa		
- single circuit with valve:	0 hPa – 25 hPa ±1.2 hPa (±8% of setting)		

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

Made in
Germany

Löwenstein Medical Technology
Kronsaalsweg 40
22525 Hamburg, Germany
T: +49 40 54702-0
F: +49 40 54702-461
info@loewensteinmedical.de
loewensteinmedical.com

Sales + Service
Löwenstein Medical
Arzbacher Straße 80
56130 Bad Ems, Germany
T: +49 2603 9600-0
F: +49 2603 9600-50
info@loewensteinmedical.com
loewensteinmedical.com



With people in mind

© Protected by copyright. Reproduction of any kind requires the express permission of Löwenstein Medical. All information is subject to change for technical reasons.



pdb 0020em2303