

prisma VENT50

Invasive and non-invasive ventilation.

Major features of prisma VENT50 for high-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
- 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**

Therapy software for experts. For detailed data analysis and remote settings.





prisma VENT50

Accessories

prisma VENT AQUA

Respiratory gas humidifier WM 100506

Single patient circuit valve system, heated (i)

auto-fill chamber, 150 cm + 60 cm

22 mm Ø WM 271708

15 mm Ø WM 271707

Single patient circuit valve system

22 mm Ø LMT 27181

15 mm Ø LMT 31383

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

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

Technical data

Product Class as per MDR (EU)
2017/745

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 (for variant with battery)

0.63 kg

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

> 12 h

Passive lungs:

Resistance R = 5 hPa (l/s);
Compliance C = 50 ml/hPa

IPAP pressure range

4 – 50 hPa ±1.2 hPa
(±8% of setting)

PEEP pressure range

- leakage system:

4 hPa – 25 hPa

- valve system:

0 hPa – 25 hPa

±1.2 hPa

(±8% of setting)

Ti/Ti max

0,5 s – 4 s

Ti min, Ti max, Ti timed

0,2 s – 4 s

auto (only Ti timed)

Respiratory rate

0 – 60 breaths/min

Target volume

100 ml – 2000 ml

Trigger levels

- Inspiration

1 (high sensitivity) to
8 (low sensitivity)

- Expiration

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

max: slow pressure
adjustment

Maximum allowed flow
with oxygen feed

15 l/min

Device description

Article Nr.

prisma VENT50

WM 30670-1110

prisma VENT50 with integrated rechargeable battery

WM 30650-1110

Please refer to the currently valid price list.

CE 0197



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