

# prisma VENT40

## Invasive and non-invasive ventilation.

With prisma VENT40 you'll have mobility and convenience at every level:

- pressure range up to 40 hPa
- use of leakage circuit system (15 mm / 22 mm)
- with autoS/T mode (autoEPAP, autoF) and target volume (100 – 2,000 ml)
- includes helpful functions for COPD treatment: AirTrap Control, maximum setting for expiratory ramp and Trigger Lockout
- 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.





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## Accessories

### Humidifier

|                  |           |
|------------------|-----------|
| prisma VENT AQUA | WM 100506 |
| prismaAQUA       | WM 29490  |

### Leakage circuit

|                       |          |
|-----------------------|----------|
| 22 mm Ø, black        | WM 23962 |
| 22 mm Ø, autoclavable | WM 24667 |
| 15 mm Ø               | WM 29988 |

### prismaHYBERNITE

|                        |          |
|------------------------|----------|
| breathing tube, heated |          |
| 22 mm Ø                | WM 29067 |
| 15 mm Ø                | WM 29083 |

### Inverter

|      |          |
|------|----------|
| 12 V | WM 24616 |
|------|----------|

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

## Technical specifications

|   |                                      |   |  |
|---|--------------------------------------|---|--|
| Product class as per MDR (EU) 2017/745  | IIa                                  | Ti/Ti max<br>Ti min, Ti max, Ti timed           | 0.5 s – 4 s<br>0.2 s – 4 s<br>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  | 2.4 kg                               | Target volume                                   | 100 ml – 2000 ml   |
| Weight of internal rechargeable battery (for variant with battery)  | 0.63 kg                              | Trigger levels<br>- Inspiration<br>- Expiration | 1 (high sensitivity) to 8 (low sensitivity)<br>95% to 5% of maximum flow in steps of 5%                            |
| Maximum air flow at 20 hPa  | > 220 l/min                          | Pressure increase speed                         | Level 1: 100 hPa/s<br>Level 2: 80 hPa/s<br>Level 3: 50 hPa/s<br>Level 4: 20 hPa/s                                  |
| Operating time of internal rechargeable battery with the following settings:<br>T mode, f = 20 /min, Ti = 1 s, PEEP = 4 hPa, Vt = 800 ml<br>Passive lungs:<br>Resistance R = 5 hPa (l/s);<br>Compliance C = 50 ml/hPa | > 10 hours                           | Pressure decrease speed                         | Level 1: 100 hPa/s<br>Level 2: 80 hPa/s<br>Level 3: 50 hPa/s<br>Level 4: 20 hPa/s<br>max: slow pressure adjustment |
| IPAP pressure range   | 4 – 40 hPa ±1.2 hPa (±8% of setting) | Maximum allowed flow with oxygen supply         | 15 l/min   |
| PEEP pressure range   | 4 – 25 hPa ±1.2 hPa (±8% of setting) |   |  |

## Device designation

## Article no.

|  |               |
|--|---------------|
| prisma VENT40                                      | WM 29500-1110 |
| prisma VENT40 with integrated rechargeable battery | WM 29550-1110 |

Please refer to the currently valid price list.

CE 0197

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