


Transport Ventilator



МОБИВЕНТ АРМ-Т

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Scope of application:

- Intensive care for adult and pediatric patients during transportation outside medical institutions by ambulances and medical transport aircrafts, as well as in operating rooms, resuscitation units and intensive care units, and during transportation within medical institutions.

Specifications:

- Drive: turbine
- Patient categories: children and adults (from 2 to 300 kg)
- Dimensions (W×H×D):
operating unit 280×314×210 mm
- Weight of the operating unit: 6.5 kg
- Display: TFT touch screen
- Display size: 8.6"
- Display resolution:
1024×768 pixels
- Battery life:
built-in battery: 4 hours;
built-in and removable batteries:
12 hours

Main ventilation parameters:

- Tidal volume: 10–3,000 ml
- Inspiratory pressure: 0–85 cm H₂O
- PEEP: 0–50 cm H₂O
- Ventilation frequency: 1–150 1/min
- Peak flow: 260 l/min
- Inspiratory time: 0.1– 15.0 s
- I:E: 1:12–10:1
- FiO₂: 21–100%
- Trigger type: flow, pressure, volume
- Plateau time: 0–3 s
- Apnea time: 2–80 s

Ventilation modes:

- Volume controlled modes: CMV, A/C, SIMV, CPR
- Spontaneous breathing support modes: CPAP, SPONT, Hflow,
- Pressure controlled modes: CMV, A/C, SIMV, DUAL-LEVEL, APRV, CPAP, SPONT

Measured parameters to be monitored:

- Peak airway pressure: (-20)-85, cm H₂O
- PEEP: 0–50 cm H₂O
- Inspiratory tidal volume: 10–3,000 ml
- Expiratory tidal volume 10–3,000 ml
- Frequency of minute ventilation: 1–180 1/min
- I:E: 1:150–150:1
- SpO₂: 70–100%
- FiO₂: 21–100%
- EtCO₂: 0–15
- Inspiratory time: 0.1–15 s
- Plateau pressure: 0–85 cm H₂O
- Peripheral pulse rate: 30–250 1/min
- Dynamic compliance: 0–300 ml/cm H₂O
- Spontaneous breathing rate: 0–150 1/min