



# Vivo 60

The Vivo 60 life-support ventilator is intended for paediatric (> 5 kg) and adult patients requiring secure and comfortable ventilation. Vivo 60 offers Clinical Excellence, Versatility and a Low Cost of Ownership, in the hospital and at home.

## Clinical Excellence

To treat patients under some of the most challenging circumstances, care givers require security and clinical excellence.

- Intended use for paediatric (from 5 kg) and adult ventilator dependent patients.
- Highly accurate volume delivery and trigger sensitivity.
- Advanced monitoring capabilities including integrated SpO<sub>2</sub>, CO<sub>2</sub> and FiO<sub>2</sub> monitoring, numeric values and wave forms on display.
- Measurement of exhaled volume with dual limb circuit for additional security.
- PC software for real time data, curves and detailed reports for analysis.

## Versatility

Versatility is a requirement equally important to patients, care givers and homecare providers.

- Designed for Hospital, Home and Mobile use, thanks to its attractive Scandinavian design, low noise level, 12-hour autonomy and wide range of accessories.

- Extensive set of modes, including SIMV, settings and three profiles.
- A choice of patient circuits to meet patient needs and prescriber preferences. Single limb with leakage or exhalation valve and dual limb for measurement of exhaled volume.
- A highly intuitive User Interface, which is easy to use, easy to learn and helps reduce the risk for mistakes.

## Low Cost of Ownership

Vivo 60 has been developed to offer an attractive cost of ownership to hospitals and homecare providers.

- Robust design and durable accessories.
- A modular technical design for quick and cost-efficient service. Synergies with Vivo 50 regarding spare parts and technical training.
- The integrated monitoring capabilities reduce the need for external monitoring equipment.

# VIVO 60 TECHNICAL SPECIFICATIONS

Settings / Performance	
Ventilation Modes	PSV, PSV(TgV), PCV SIMV, PCV, PCV(TgV), VCV SIMV PCV(A), PCV(A+TgV), CPAP, VCV, VCV(A), VCV MPV, PCV MPV
Patient Modes	Adult, Paediatric
Device Modes	Home, Clinical
SIMV	4 to 60 bpm
Inspiratory Pressure	4 to 40 cmH <sub>2</sub> O
PEEP	Off, 2 cm H <sub>2</sub> O to 30 cm H <sub>2</sub> O for Adult / 20 cm H <sub>2</sub> O Paediatric
Breath Rate (PCV, VCV, MPV)	4 - 60 bpm, 0 - 60 bpm in MPV mode
Inspiratory Time	0.3 to 5 s
Backup Inspiratory Time	0.3 to 5 s (PSV)
Rise Time	1 to 9 (PSV & PCV) 50 - 90 %, Off (VCV)
Inspiratory Trigger	1 to 9 (PSV, PCV & VCV), Off (PCV & VCV)
Expiratory Trigger	1 to 9 (PSV)
Minimum Inspiratory Time	Off, 0.3 to 3 s
Maximum Inspiratory Time	0.3 to 3 s, Off
Target Volume	50 - 2500 ml
Tidal Volume	50 - 2500 ml
Flow Pattern	Square, decelerating
Sigh Function	On/Off, rate (every 50-100-150-200-250 breaths), sigh% (125, 150, 175, 200%)
Monitoring	
Displayed data	Ppeak, PEEP, Pmean, Leakage, MVe/MVi, Vte/Vti, FiO <sub>2</sub> , % in TgV, Total Rate, Spont Rate, % Spont, SpO <sub>2</sub> , Pulse Rate, EtCO <sub>2</sub> , InspCO <sub>2</sub>
Waverforms	Pressure, Flow, Volume, CO <sub>2</sub>
Trends over 1, 6, 24 and 48 h	Ppeak, PEEP, Total rate, Spont rate, Vt, Leakage, SpO <sub>2</sub> , EtCO <sub>2</sub>
Power Supplies	
Mains supply	100 to 240 V AC
External battery	24 V DC
Click-on battery	8 hours
Internal battery	4 hours
Main alarms	
Alarms	High Pressure, Low Pressure, High PEEP, Low PEEP, High Vte/Vti, Low Vte/Vti, High MVe/MVi, Low MVe/MVi, High Breath Rate, Low Breath Rate, Apnea, Disconnection, Rebreathing, High FiO <sub>2</sub> , Low FiO <sub>2</sub> , High SpO <sub>2</sub> , Low SpO <sub>2</sub> , High EtCO <sub>2</sub> , Low EtCO <sub>2</sub> , High InspCO <sub>2</sub> , High Pulse Rate, Low Pulse Rate, Low Last Power Source.
Dimensions	
W x H x D	343 x 125 x 264 mm (343 x 125 x 285 mm with click-on battery)
Weight	5.2 kg
Noise level (at 10 cmH <sub>2</sub> O constant pressure)	Less than 30 dB(A)