



## 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	<ul style="list-style-type: none"> <li>• PSV</li> <li>• PCV</li> <li>• PCV(A)</li> <li>• VCV</li> <li>• PSV(TgV)</li> <li>• PCV(TgV)</li> <li>• PCV(A+TgV)</li> <li>• VCV(A)</li> <li>• SIMV PCV</li> <li>• SIMV VCV</li> <li>• CPAP</li> </ul>
Patient Modes	<ul style="list-style-type: none"> <li>• Adult</li> <li>• Paediatric</li> </ul>
Device Modes	<ul style="list-style-type: none"> <li>• Home</li> <li>• Clinical</li> </ul>
SIMV	4 to 60 bpm
Inspiratory Pressure	4 to 60 cmH <sub>2</sub> O
PEEP	0 cm H <sub>2</sub> O to 30 cm H <sub>2</sub> O for Adult / 20 cm H <sub>2</sub> O Paediatric Inspiratory Pressure - 2 cm H <sub>2</sub> O or Min Insp Pressure -2 H <sub>2</sub> O
Breath Rate (PCV, VCV)	4 to 60 bpm
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
Backup Rate (PSV)	4 to 60 bpm
Target Volume	50 to 2500 ml
Tidal Volume	50 to 2500 ml
Flow Pattern	Square, decelerating
Sigh function	On/Off, rate (every 50-100-150-200-250 breaths), sigh% (125, 150, 175, 200%)

Power Supplies		Monitoring	
Mains supply	100 to 240 V AC	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>
External battery	24 V DC	Waveforms	Pressure, Flow, Volume and CO <sub>2</sub>
Click-on battery	8 hours	Trends over 1, 6, 24 and 48h	Ppeak, PEEP, Total Rate, Spont Rate, Vt, Leakage, SpO <sub>2</sub> , EtCO <sub>2</sub>
Internal battery	4 hours		
Main Alarms		Dimensions	
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.		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)

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