



From Hospital To Home

The Vivo 65 is an advanced ventilator designed to deliver secure and comfortable (life-support) treatment to adult and pediatric patients from 5 kg. The ventilator can be used for a wide variety of patients thanks to a comprehensive set of modes, circuits and accessories. The dual limb circuit allows for measurement of exhaled volumes providing additional security. The extensive monitoring capabilities help to obtain a better insight into the quality of ventilation. The Vivo 65 is an excellent choice for mechanical ventilation in the hospital and longterm care facilities and is prepared for connection to Breas cloud solutions.



PERFORMANCE

- Highly accurate volume delivery and trigger sensitivity
- Comprehensive set of modes, including mouthpiece ventilation and SIMV
- Wide range of settings and alarms to adapt to individual patient's needs
- Invasive and non-invasive ventilation; circuits with active exhalation valve and leakage port
- Measurement of exhaled volume with dual limb circuit for additional security
- Intuitive user interface with direct-access buttons
- Low noise level



EXTENSIVE MONITORING

- Optional Intergrated: SpO2, CO, and Fio, Monitoring
- Numerical data, wave forms and trends on the display
- PC software is enabling real-time monitoring, wave forms, loops, 365 days of data storage and detailed reports
- Prepared for connection to Breas cloud solutions*



FLEXIBILITY

- Robust Scandinavian design for hospital and mobile use
- Wide range of accessories for hospital use
- 12-hrs autonomy with the 4-hrs internal battery and the 8-hrs optional click-on battery combined
- Optional Protective cover for safe outdoor use
- 3 Profiles to personalize treatment according to the patient's requirements

* Subjected to Availability



VIVO 65 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, Pediatric
Device Modes	Home, Clinical
Inspiratory Pressure	4 to 60 cmH ₂ O
PEEP	Off, 2 cmH ₂ O to 30 cmH ₂ O
Breath Rate (PCV, VCV, MPV, SIMV)	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	Auto, 1 to 9 (PSV & PCV) 50-90 %, Off (VCV)
Inspiratory Trigger	Auto, 1 to 9 (PSV, PCV & VCV), Off (PCV & VCV)
Expiratory Trigger	Auto, 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	
PC Software	Pressure flow Volume loops and graphs for therapy live Monitoring and Recording.
Displayed data	Ppeak, PEEP, Pmean, Leakage, MVe/MVi, Vte/Vti, FiO ₂ , % in TgV, Total Rate, Spont Rate, % Spont, SpO ₂ , Pulse Rate, EtCO ₂ , InspCO ₂ , I:E, InspTime, Rise Time
Waveforms	Pressure, Flow, Volume, CO ₂ (when ETCO ₂ sensor used)
Trends over 1, 6, 24 and 48 h.	Ppeak, PEEP, Total rate, Spont rate, Vt, Leakage, SpO ₂ , EtCO
Power Supplies	
Mains supply	100 to 240 V AC
External DC	24 V DC
Optional Click-On-Battery	8 hours
Standard Internal battery back up	4 hours
XPAC External Battery (Optional)	Input 100-240v, Output 18v DC, 60w Max
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, Rebreath- ing, High FiO ₂ , Low FiO ₂ , High SpO ₂ , Low SpO ₂ , High EtCO ₂ , Low EtCO ₂ , High InspCO ₂ , High Pulse Rate, Low Pulse Rate, Low Last Power Source, Obstruction
Dimensions	
WxHxD	343 x 125 x 264 mm (343 x 125 x 285 mm with click-on battery)
Weight	5Kg
Noise level (at 10 cmH ₂ O constant pressure)	Less than 30 dB(A)

Intended use:

The Vivo 65 ventilator (with or without SpO₂ and EtCO₂ sensor) is intended to provide continuous or intermittent ventilatory support for the care of individuals who require mechanical ventilation. The Vivo 65 is applicable for pediatric and adult patients weighing more than 5 kg or 11lbs. The Vivo 65 with the SpO₂ sensor is intended to measure functional oxygen saturation of arterial hemoglobin (%SpO₂) and pulse rate. The Vivo 65 with the EtCO₂ sensor is intended to measure EtCO₂ in the inspiratory and expiratory gas. The device is intended to be used in institution, hospitals and portable applications. It may be used for both invasive and non-invasive ventilation.