



Vivo 65 – Dual Limb Life Support

The Vivo 65 ventilator is an advanced homecare device designed to offer comfortable life support treatment to adult and pediatric patients weighing 5 kg and above. Its versatility is attributed to a comprehensive range of modes, circuits, and accessories, making it suitable for various patients. The dual limb circuit ensures accurate measurement of exhaled volumes, providing an added layer of security. Whether utilized at home, in hospitals, or long-term care facilities, the Vivo 65 is an excellent choice for mechanical ventilation.



PERFORMANCE

- Comprehensive set of modes, including mouthpiece ventilation and SIMV
- Wide range of settings and alarms
- Invasive and non-invasive ventilation; circuits with active exhalation valve and leakage port
- Measurement of exhaled volume with dual limb circuit for additional security
- Low noise level



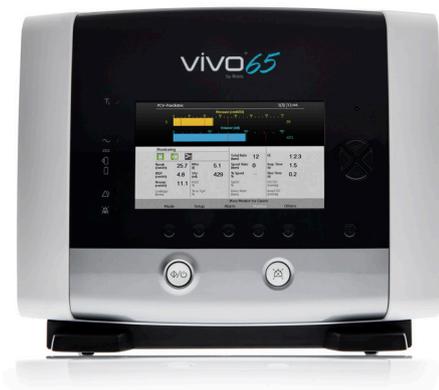
EXTENSIVE MONITORING

- Integrated SpO₂, CO₂ and FiO₂ monitoring
- Numerical data, wave forms and trends on the display
- EveryWare – secure cloud-based remote connectivity solution
- PC Software – desktop-based with Live Viewer



ADAPTABLE

- Robust Scandinavian design for hospital, home and mobile use
- 4 h internal + 8 h click-on battery for use on the move
- Optional extended-life backup battery
- Protective cover for safe outdoor use
- Three profiles to personalize treatment



Breas 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/Paediatric (>5 kg)
Device Modes	Home/Clinical
Settings Profiles	Three profiles
Inspiratory Pressure	4-60 cmH ₂ O
PEEP	Off, 2-30 cmH ₂ O
Breath Rate/Back-up Rate	4-60 bpm, 0-60 bpm in MPV Mode
Inspiratory Time	0.3-5 s
Backup Inspiratory Time	0.3-5 s (PSV)
Rise Time	1-9 (PSV, PCV), 50-90 %, Off (VCV)
Inspiratory Trigger	1-9 (PSV, PCV, VCV), Off (PCV, VCV)
Expiratory Trigger	1-9 (PSV)
Minimum Inspiratory Time	Off, 0.3-3 s
Maximum Inspiratory Time	Off, 0.3-3 s
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 ₂ , % in TgV, Total Rate, Spont Rate, % Spont, SpO ₂ , Pulse, Rate, EtCO ₂ , InspCO ₂ , I:E, Inspiratory Time, Rise Time
Waveforms	Pressure, Flow, Volume, CO ₂
Trends over 1, 6, 24 and 48 hours on device screen	Ppeak, PEEP, Total Rate, Spont Rate, Vt, Leakage, SpO ₂ , EtCO ₂
Power Supplies	
Mains Supply	100-240 V AC
External DC	12-24 V
Click-on Battery	8 hours
Internal Battery	4 hours
Xpac Extended-life Backup Battery (optional)	12 hours (IPAP 20 cm/EPAP 8 cm, Rate 15 bpm)
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 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	
W x H x D	343 x 125 x 264 mm (343 x 125 x 285 mm with click-on battery)
Weight	5 kg
Noise Level (at 10 cmH ₂ O constant pressure)	Less than 30 dB(A)
Connectivity and Software	
Built-in Connectivity	USB
Compatible Software	PC Software, EveryWare Remote Connectivity solution
Plug-and-Play Accessories	SpO ₂ , FiO ₂ , EtCO ₂ , Nurse Call, Remote Alarm, Remote Start/Stop
Other	
Circuits	Disposable leakage circuits, Disposable exhalation valve circuits, Disposable MPV circuits, Disposable dual limb circuits

Intended use:

The Vivo 65 ventilator (with or without the SpO₂ and CO₂ 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 paediatric through adult patients weighing more than 5 kg or 11 lbs. 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 CO₂ sensor is intended to measure CO₂ in the inspiratory and expiratory gas. The device is intended to be used in home, institution, hospitals and portable applications such as wheelchairs and gurneys. It may be used for both invasive and non-invasive ventilation.

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