Vivo 65 – From hospital to home

The Vivo 65 is an advanced homecare ventilator designed to deliver secure and comfortable (life-support) treatment to adult and paediatric patients from 5 kg. The Vivo 65 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 Vivo 65 is an excellent choice for mechanical ventilation at home, in the hospital and in longterm care facilities.

PERFORMANCE

- Comprehensive set of modes, including mouthpiece ventilation and SIMV
- Wide range of settings and alarms to adapt to individual patient's need
- 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

FLEXIBILITY

- Robust Scandinavian design for hospital, home and mobile use
- 12 hour autonomy with the 4 hour internal battery and the 8 hour click-on battery combined
- Protective cover for safe outdoor use
- 3 profiles to personalize treatment according to the patient's requirements

EXTENSIVE MONITORING

- Integrated SpO_2, CO_2 and FiO_2 monitoring
- Numerical data, wave forms and trends on the display
- EveryWare – Secure cloud-based remote connectivity solution
- PC Software – Desktop-based with Live Viewer

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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
Device Modes	Home, Clinical
Inspiratory Pressure	4 – 60 cmH_2O
PEEP	Off, 2 – 30 cmH_2O
Breath Rate (PCV, VCV, MPV, SIMV)	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 to 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 to 240 V AC
External DC	12 – 24 V
Click-on battery	8 hours
Internal battery	4 hours
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 × 125 × 264 mm (343 × 125 × 285 mm with click-on battery)
Weight	5 kg
Noise level (at 10 cmH_2O constant pressure)	Less than 30 dB(A)
Connectivity and software	
Compatible software	PC Software, EveryWare Remote Connectivity solution

Intended use:
The Vivo 65 ventilator (with or without the SpO_2 and CO_2 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 through adult patients weighing more than 5 kg or 11 lbs. The Vivo 65 with the SpO_2 sensor is intended to measure functional oxygen saturation of arterial hemoglobin (% SpO_2) and pulse rate. The Vivo 65 with the CO_2 sensor is intended to measure CO_2 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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