



## Vivo 55 - From hospital to home

The Vivo 55 is an advanced homecare ventilator designed to deliver secure and comfortable treatment to patients from 10 kg. The Vivo 55 can be used for a wide variety of patients, both life-support and non life-support, thanks to a comprehensive set of modes, circuits and accessories. The extensive monitoring capabilities help obtain a better insight into the quality of ventilation. The Vivo 55 is an excellent choice for mechanical ventilation at home, in the hospital and in long-term 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; with highly sensitive trigger
- Low noise level



### EXTENSIVE MONITORING

- Integrated SpO<sub>2</sub>, CO<sub>2</sub> and FiO<sub>2</sub> monitoring
- Numerical data, wave forms and trends on the display
- EveryWare – Secure cloud-based remote connectivity solution
- PC Software – Desktop-based with Live Viewer



### FLEXIBILITY

- Robust Scandinavian design for hospital, home and mobile use
- Wide range of accessories for home and hospital 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



# Breas Vivo 55 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 – 50 cmH <sub>2</sub> O
PEEP	Off, 2 – 30 cmH <sub>2</sub> O
Breath Rate (PCV, VCV, MPV, SIMV)	4 – 40 bpm, 0 – 40 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	100 – 2500 ml
Tidal Volume	100 – 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> , I:E, Inspiratory Time, Rise Time
Waveforms	Pressure, flow, volume
Trends over 1, 6, 24 and 48 hours on device screen	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 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 <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 kg
Noise level (at 10 cmH <sub>2</sub> O constant pressure)	Less than 30 dB(A)
Connectivity and software	
Compatible software	PC Software, EveryWare Remote Connectivity Solution

## Intended use:

The Vivo 55 ventilator (with or without the SpO<sub>2</sub> and CO<sub>2</sub> sensor) is intended to provide continuous or intermittent ventilatory support for the care of individuals who require mechanical ventilation. Specifically, the ventilator is applicable for paediatric through adult patients weighing more than 10 kg or 22 lbs. The Vivo 55 with the SpO<sub>2</sub> sensor is intended to measure functional oxygen saturation of arterial haemoglobin (% SpO<sub>2</sub>) and pulse rate. The Vivo 55 with the CO<sub>2</sub> sensor is intended to measure CO<sub>2</sub> 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.