

Vivo 50

The new Vivo life-support ventilators combine high quality technology, robustness and premium design to provide excellent patient treatment, independent of the environment.

The Vivo 50 includes our patented eSync technology and a full range of settings, including target volume which gives you unique flexibility.

Thanks to the user-friendly configuration of pressure and volume regulated modes, the treatment can be personalised to the patient's needs.

Maximum flexibility of operation by the multiple types of circuits for both invasive and non-invasive ventilation.

As we care about comfort and flexibility the Vivo 50 offers the possibility to pre-set up to three ventilation profiles. This allows the patient to benefit from the optimal treatment at any time during the day.



- Full monitoring allows view of waveforms, numerical data and trend monitoring.
- Developed out of the market needs, there is the possibility to connect a patient start/stop remote, remote alarm and nurse call system.
- Easy direct access to all menus on the user-friendly front panel.
- Freedom of operation thanks to a 4 hour internal battery and the option of an additional 8 hours from the click-on battery.
- The FiO₂ and SpO₂ sensors give the unit high-end monitoring capabilities with on-screen values and alarms.
- The info help text makes all information on alarms, settings and troubleshooting available for the user anywhere at any time.

Technical Specifications

Settings/Performance	
Ventilation Modes	<ul style="list-style-type: none"> • PSV • PCV • PCV(A) • VCV • CPAP
Device Modes	<ul style="list-style-type: none"> • PSV(T) • PCV(T) • PCV(A+T) • VCV(A)
Inspiratory Pressure	4 to 50 cmH ₂ O
PEEP	2 cmH ₂ O (leakage circuit), 0 cmH ₂ O (circuit with active exhalation valve) to 30 cmH ₂ O Pressure - 2 cmH ₂ O or Min Pressure -2 cmH ₂ O
Breath Rate (PCV, VCV)	4 to 40 bpm
Inspiratory Time	0.3 to 5 s
Backup Inspiratory Time	0.3 to 5 s (PSV)
Rise Time	1 to 9 (PSV & PCV) 0.3 to 5 s (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 40 bpm
Target Volume	100 to 2500 ml
Maximum Pressure	50 cmH ₂ O
Minimum Pressure	4 cmH ₂ O to 50 cmH ₂ O
Tidal Volume	100 to 2500 ml
Flow Pattern	Square, decelerating
CPAP	4 to 20 cmH ₂ O

Power Supplies		Monitoring	
Mains supply	100 to 240 V AC	Displayed data	Ppeak, PEEP, MAP, Leakage, MV, Vt, FiO ₂ , % in TV, Total Rate, Spont Rate, % Spont, SpO ₂ , Pulse Rate, I:E, Inspiratory Time, Rise Time
External battery	24 V DC	Waveforms	Pressure, Flow, Volume
Click-on battery	8 hours	Trends over 1, 6, 24 and 48h	Ppeak, PEEP, Total Rate, Spont Rate, Vt, Leakage, SpO ₂
Internal battery	4 hours		

Alarms		Dimensions	
High Pressure, Low Pressure, High PEEP, Low PEEP, High Vt, Low Vt, High MV, Low MV, High Breath Rate, Low Breath Rate, Apnea, Disconnection, Rebreathing, High FiO ₂ , Low FiO ₂ , High Pulse Rate, Low Pulse Rate, Last Power Source		W x H x D	348 x 120 x 264 mm without click-on battery (348 x 120 x 290 mm with click-on battery)
Breas Medical AB reserves the right to make changes to the contents of this Product Specification without any prior notification. August 2009.		Weight	5.2 kg without click-on battery (6.7 kg with click-on battery)
		Noise level (at 10 cmH ₂ O constant pressure)	Less than 30 dB(A)



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