



Vivo 45 – Designed For Everyday Life

To cater to a wide range of respiratory conditions, a ventilator must excel in clinical versatility and performance. Equally important is the consideration for the patient's daily life, activities, and home environment. That's why we developed the Vivo 45, a ventilator designed to enhance comfort and promote ease of use. By focusing on simplicity, the Vivo 45 ensures seamless integration into the patients' routines, providing both mobility and independence in managing their respiratory needs.



DESIGNED FOR EVERYDAY LIFE

- Small, neat and user friendly
- Integrated humidifier with heated wire circuit
- 2.5 h internal + 6.5 h click-in battery for use on the move
- Optional extended-life backup battery



CONNECTED

Making connected care more insightful

- EveryWare – secure cloud-based remote connectivity solution
- PC Software – desktop-based with Live Viewer



ADAPTABLE

- Options for a wide range of conditions and patients from 10 kg
- Integrated polygraphy tracing: SpO₂, FiO₂, CO₂, respiratory effort belts
- Pressure modes with target volume and Auto-EPAP algorithms
- PCV Mouthpiece Ventilation Mode
- Easy to learn, easy to use



Breas Vivo 45 Technical Specifications

Settings / Performance	
Ventilation Modes	PSV, PSV-AE, PSV(TgV), PSV(TgV)-AE, PCV, PCV-AE, PCV(TgV), PCV(TgV)-AE, PCV(A), PCV(A)-AE, PCV(A+TgV), PCV(A+TgV)-AE, CPAP, PCV-MPV
Patient Modes	Adult/Paediatric (>10 kg)
Device Modes	Home/Clinical
Settings Profiles	Three profiles
Inspiratory Pressure	4-40 cmH ₂ O
PEEP	2-20 cmH ₂ O
Breath Rate/Back-up Rate	Adults: 4-40 bpm, Paediatrics: 6-60 bpm
Inspiratory Time	0.3-5 s
Backup Inspiratory Time	0.3-5 s (PSV)
Rise Time	1-9 (PSV, PCV)
Inspiratory Trigger	1-9 (PSV, PCV), Off (PCV)
Expiratory Trigger	1-9 (PSV)
Minimum Inspiratory Time	Off, 0.3-3 s
Maximum Inspiratory Time	Off, 0.3-5 s
Target Volume	Adults: 300-2000 ml, Paediatrics: 100-500 ml
Auto-EPAP	On/Off, Min/Max EPAP: 2-20 cmH ₂ O, PS: 2-40 cmH ₂ O -Max EPAP, EPAP Step: 0.5-2 cmH ₂ O, Relax Time: 120-720 sec/Off, Min PS/Max PS: 2-40 cmH ₂ O, -Max EPAP, Pressure Limit: Max EPAP +2 cmH ₂ O-40 cmH ₂ O
Monitoring	
Displayed Data	Ppeak, PEEP, Pmean, Leakage, MV, Vt, FiO ₂ , % in TgV, Total Rate, Spont Rate, % Spont, SpO ₂ , Pulse, Rate, I:E, Inspiratory Time, Rise Time, EtCO ₂ , PtcCO ₂ , AHI
Waveforms	Pressure, Flow, Volume, EtCO ₂ , Effort Belts
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-in Battery	6.5 hours
Internal Battery	2.5 hours
Xpac Extended-life Backup Battery (optional)	18 hours (IPAP 20 cm/EPAP 8 cm, Rate 15 bpm)
Alarms	
Alarms	High Pressure, Low Pressure, High PEEP, Low PEEP, High Vt, Low Vt, High MV, Low MV, High Breath Rate, Low Breath Rate, Apnea, Disconnection, High FiO ₂ , Low FiO ₂ , High SpO ₂ , Low SpO ₂ , High CO ₂ , Low CO ₂ , High InspCO ₂ , High Pulse Rate, Low Pulse Rate, Low Last Power Source, Obstruction, Rebreathing
Dimensions	
W x H x D	216 x 159 x 152 mm
Weight	2.4 kg
Noise Level (at 10 cmH ₂ O constant pressure)	Less than 28 dB(A)
Connectivity and Software	
Built-in Connectivity	Ethernet, USB
Compatible Software	PC Software, EveryWare Remote Connectivity Solution
Plug-and-Play Accessories	SpO ₂ , FiO ₂ , PtcCO ₂ , EtCO ₂ , Effort Belts, Nurse Call, Remote Alarm, Remote Start/Stop
Other	
Humidification	Integrable water chamber
Circuits	Disposable leakage circuits with/without heated wires, Disposable MPV circuits

Intended use:

The Vivo 45 is intended to provide non-invasive or invasive ventilation for patients weighing over 10 kg (22 lbs) who require long-term support or mechanical ventilation for respiratory insufficiency or respiratory failure, with or without obstructive sleep apnea. The Vivo 45 is intended for spontaneously breathing patients.