



BREAS



Vivo 45

by Breas

Comfortable. Compact. Connected.

To treat a diverse range of respiratory conditions, a ventilator must provide exceptional clinical versatility and performance. Equally vital is its design, taking into account the patient's daily routines, activities, and every day environment. This led to the creation of the new edition of the Vivo 45, a ventilator designed for adult and paediatric patients, which has been meticulously engineered to boost independence and mobility. The Vivo 45 provides a tailored solution to meet individual patient 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
- Optional extended-life backup battery



Adaptable

- Options for a wide range of conditions and patients from 10 kg
- Integrated polygraphy tracing: SpO₂, FiO₂, CO₂, respiratory effort belts
- Easy to learn. Easy to use.



Connected

Making connected care more insightful

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

Be more™

Breas Vivo 45 Technical Specifications

Settings / Performance

Ventilation Modes	PSV, PCV(A), CPAP, PCV-SIMV, PCV-MPV, HFNT
Patient Modes	Adult / Paediatric (>10 kg)
Device Modes	Home / Clinical
Settings Profiles	3 profiles
Inspiratory Pressure	4–40 cmH ₂ O
PEEP	Off, 2–20 cmH ₂ O
Breath Rate	Adults: 4–40 bpm, Paediatrics: 6–60 bpm
Inspiratory Time	0.3–5 s
Rise Time	1–9
Inspiratory Trigger	eSync 1–9, Flow 0.2–9.0 l/min
Expiratory Trigger	10–90%
Min Inspiratory Time	Off, 0.3–3 s
Max Inspiratory Time	Off, 0.3–5 s
Target Volume	Adults: 300–2000 ml, Paediatrics: 50–500 ml
Auto-EPAP	On / Off, Min / Max EPAP: 2–20 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 1, 6, 24, 48 h, 10 d	Ppeak, PEEP, Total Rate, Spont Rate, Vt, Leakage, SpO ₂ , EtCO ₂ , PtcCO 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	18 hours

Alarms

Alarms	High and Low: Pressure, PEEP, Breath Rate, Vt, MV, FiO ₂ , SpO ₂ , CO ₂ , Pulse rate. Apnea, Disconnection, Obstruction, Rebreathing, Low last power source.
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Dimensions

W x H x D	216 x 159 x 152 mm
Weight	2.4 kg
Noise Level	Less than 28 dB(A)

Connectivity and Software

Built-in Connectivity	Ethernet, USB
Software	PC Software, EveryWare
Plug-and-Play Accessories	SpO ₂ , FiO ₂ , PtcCO ₂ , EtCO ₂ , Remote Alarm, Remote Start / Stop, Effort Belts, Nurse Call

Other

Humidification	Integrable water chamber
Circuits	Disposable leakage circuits with / without heated wires, Disposable exhalation valve circuits, 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.

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