



BREAS



Vivo 1

by Breas

Bi-level made simple

The Vivo 1 is a lightweight and compact bi-level ventilator, designed with a strong focus on patient comfort and simplicity. The device provides personalised and gentle non-invasive respiratory support to bring relief for spontaneously breathing patients who require long-term support or mechanical ventilation for respiratory impairment, with or without obstructive sleep apnea. The user-friendly interface is designed with care and ensures ease of use, while various modes and monitoring capabilities enable effective communication with healthcare professionals to ensure optimal care.



Compact

- One platform – three models
- Lightweight and compact
- Integrated humidifier with heated wire circuit



Comfortable

- Wide range of modes
- Adult and paediatric (>10 kg)
 - Intuitive interface
 - Extensive therapy data
- Suitable for use in hospital and home
- Closer monitoring with Breas accessory box



Connected

Making connected care more insightful

- EveryWare – secure cloud-based remote monitoring and setting changes
- PC Software – desktop-based with Live Viewer

Be more™

Breas Vivo 1 technical specifications

Settings / Performance

Ventilation Modes	S, S/T, PSV, CPAP
Settings Profiles	Three profiles
IPAP	4–25 cmH ₂ O
EPAP	2–20 cmH ₂ O
Breath Rate / Back-up Rate	0–40 bpm
Inspiratory Time	0.3–3 s
Rise Time	1–9, Auto
Inspiratory Trigger	1–9, Auto
Expiratory Trigger	1–9, Auto
Fall Time	1–9, Off
Minimum Inspiratory Time	Off, 0.3–3 s
Maximum Inspiratory Time	Off, 0.3–3 s
Ramp (Up / Down)	Off, 10–60 min
Auto-EPAP	On / Off, Pressure Limit: Max EPAP +2 cmH ₂ O–25 cmH ₂ O, PS 2–23 cmH ₂ O, Min / Max EPAP: 2–20 cmH ₂ O, EPAP Step: 0.5–2 cmH ₂ O, Relax Time: 2–12 min / Off
Humidifier Level	1–5
Heated Circuit	Off, 1–5
Patient Circuit	15 mm, 22 mm, custom
O ₂ Bleed in (Device)	0–30 L/ min

Monitoring

Displayed Data	Ppeak, EPAP, Leakage, MVe, Vte, Total Rate I:E, Spont Rate, % Spont, Inspiratory Time, Rise Time, SpO ₂ , Pulse Rate
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Power Supplies

Mains Supply	100–240 V AC
External DC	12–24 V
Xpac Extended-life Backup Battery (optional)	36 hours (IPAP 20 cmH ₂ O/EPAP 8 cmH ₂ O, Breath Rate 15 bpm)

Alarms

Alarms	High Pressure, Low Pressure, High Breath Rate, Low Breath Rate, High MV, Low MV, Rebreathing Apnea, Disconnection, High SpO ₂ , Low SpO ₂ , High Pulse Rate, Low Pulse Rate, Power Failure
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Dimensions

W x H x D	166 x 185 x 200 mm
Weight	1.6 kg
Noise Level (at 10 cmH ₂ O constant pressure)	Less than 28 dB(A)

Connectivity and Software

Built-in Connectivity	USB
Compatible Software	PC Software, EveryWare Remote Connectivity Solution
Plug-and-Play Accessories	SpO ₂ , Nurse Call, Remote Alarm, Accessories Box

Other

Humidification	Integrable water chamber
Circuits	Cleanable & disposable leakage circuits with /without heated wires
Confirm Stop	On, Off
Auto Start	On, Off
Auto Home Mode	On, Off
Compliance/Therapy Data (on screen) in home and clinical mode	Compliance/Usage Data, AHI, AI, HI, IPAP, EPAP, Leakage, Vte, MVe, Total Rate, % Spont Breaths, Insp Time, I:E

Intended use: The Vivo 1 is intended to provide non-invasive ventilation for patients weighing over 10 kg (22 lbs) who require long-term support or mechanical ventilation for respiratory impairment, with or without obstructive sleep apnea. The Vivo 1 is intended for spontaneously breathing patients.

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