



## Vivo 3 - All Inclusive Respiratory Assist Device

The Vivo 3 bi-level ventilator provides personalized, comfortable respiratory support for non-dependent patients with chronic breathing issues. It combines non-invasive and invasive ventilation with High Flow Nasal Therapy (HFNT) in one easy-to-use platform. With advanced monitoring, an internal battery, and multiple modes, the Vivo 3 offers flexibility and seamless communication with healthcare providers, as well as transitioning into the home setting.



### DESIGNED FOR CONVENIENCE

- Lightweight with a small footprint
- Easy-to-navigate user interface
- Up to 3 hours of battery life ensures hassle-free transport and flexibility
- Non-proprietary circuit connection



### TREAT MORE PATIENTS

- **Adult and pediatric**
  - **As low as 22 lbs. / 10 kg**
- Wide range of modes
- High Flow Nasal Therapy (20-60 lpm)
- Integrated humidifier and heated wire circuit



### CLINICAL DATA THAT MATTERS

- Comprehensive therapy data
- Optional Breas Accessory Box allows for additional monitoring capabilities including SpO2
- Remote monitoring when transitioning to the home setting



# Breas Vivo 3 Technical Specifications

PN = 229016

Settings / Performance	
Ventilation Modes	S, ST, T, CPAP, HFNT
Settings Profiles	Three profiles
IPAP	4 – 40 cmH <sub>2</sub> O
EPAP	4 – 20 cmH <sub>2</sub> O
Breath Rate/Back-up Rate	0 – 40 bpm
Inspiratory Time	0.3 – 3 s
Rise Time	1–9, Auto is similar to setting 3
Inspiratory Trigger	1–9, Auto is similar to setting 3
Expiratory Trigger	1–9, Auto is similar to setting 5
Fall Time	Off, 1 – 9
Minimum Inspiratory Time	Off, 0.3 – 3 s
Maximum Inspiratory Time	Off, 0.3 – 3 s
Target Volume	Off, 100 – 1500 ml
Ramp (Up/Down)	Off, 10 – 60 min
HFNT	20 – 60 L/min
Humidifier level	1 – 5
Heated circuit	Off, 1 – 5
Patient circuit	15 mm, 22 mm, Custom
O <sub>2</sub> bleed-in (Circuit)	0-15 lpm
Monitoring	
Displayed data	Ppeak, EPAP, Leakage, MVe, Vte, % in TgV, Total Rate I:E, Spont Rate, % Spont, Inspiratory Time, Rise Time, SpO <sub>2</sub> , Pulse, Rate
Power Supplies	
Mains supply	100 to 240 V AC
External DC	12–24 V
Internal battery	3 hours
Xpac Extended-life Backup Battery (optional)	36 hours (IPAP 20 cm/EPAP 8 cm, Rate 15 bpm)
Alarms	
Alarms	High Pressure, Low Pressure, High Breath Rate, Low Breath Rate, High MV, Low MV, Rebreathing, Apnea, Disconnection, High EPAP, Low EPAP, High SpO <sub>2</sub> , Low SpO <sub>2</sub> , High Pulse Rate, Low Pulse Rate, Power Failure, High Pressure Limitation, Blocked Circuit, Circuit Disconnection
Dimensions	
W x H x D	6.54" x 7.28" x 7.87" (166 x 185 x 200 mm)
Weight	3.97 lbs. (1.8 kg)
Noise level (at 10 cmH <sub>2</sub> O constant pressure)	Less than 28 dB(A)
Connectivity and software	
Built-in connectivity	USB
Compatible software	PC Software
Plug-and-Play accessories	SpO <sub>2</sub> , 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)	Compliance/Usage Data, IPAP, EPAP, Leakage, Vte, MVe, Total Rate, % Spont Breaths, Insp Time, I:E

## Intended use:

Vivo 3 is intended to provide invasive and non-invasive ventilatory support to treat patients weighing over 10 kg (22 lbs) with Respiratory Insufficiency or Respiratory Failure with or without Obstructive Sleep Apnea (OSA). It is intended to be used in the home, institutional/hospital, and portable applications such as wheelchairs and gurneys. Vivo 3 may provide high flow warmed and humidified respiratory gases to spontaneously breathing adult patients in home and clinical settings, with a flow rate of 20–60 L/min depending on patient interface.

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