

## Vivo 30

The Vivo 30 is an advanced and clinically safe respiratory solution, which enables patients to be treated at home.

The Vivo 30 provides non-invasive respiratory support through Pressure Control and Pressure Support modes.

Thanks to eSync – our highly responsive Trigger technology – the Vivo 30 synchronizes smoothly with the patient's breathing effort. As the patient demands for a new breath the Vivo 30 responds immediately and delivers the exact pressure required.

Its intuitive user-interface with home and clinical modes allows both the patient and clinician to adjust the desired settings easily and safely.

An optional integrated heated humidifier comfortably humidifies the patient air.

The attractive appealing design together with the logical user interface makes the Vivo 30 an integrated part of any home environment.

The Vivo 30 allows the patient to live a life as rich as possible, at "home".



- Minimal and maximal Inspiratory Time **NEW**
- eSync, synchronized breath delivery
- Designed for use at Home or in Hospital
- Big and easy to read display with simple menu structure and backlight
- Big and easy to use buttons with backlight
- Built-in alarm clock
- Rear hose swivel connection
- Designed for a wide range of masks
- Low noise < 30dB(A)
- 3 Ventilation Modes
- 2 Device Modes
- Comprehensive Alarm Package
- Optional Integrated Heated Humidifier
- Internal Data/Calendar Memory
- Extensive PC Software Program
- Small footprint yet stable
- Easy to carry
- World wide mains power compatibility
- Flexible DC power options

# Technical Specifications Vivo 30

## SETTINGS/PERFORMANCE

Ventilation modes	<ul style="list-style-type: none"><li>• PSV (Pressure Support Ventilation)</li><li>• PCV (Pressure Control Ventilation)</li><li>• CPAP (Continuous Positive Airway Pressure)</li></ul>
Devices modes	<ul style="list-style-type: none"><li>• Clinical</li><li>• Home</li></ul>
IPAP/EPAP	4 to 30 cmH <sub>2</sub> O / 2 to 20 cmH <sub>2</sub> O
CPAP	4 to 20 cmH <sub>2</sub> O
Breath rate	4 to 40 BPM (PCV and PSV mode)
Inspiration time	0.3 to 5 sec.
Rise time	1 to 9
Inspiratory trigger (eSync)	1 to 9, Off.
Expiratory trigger	1 to 9
Ramp function	10 – 60 min
Humidification	1 to 9, (10 to 30 mgH <sub>2</sub> O/L)
Audible alarm	1 to 9
Maximum flow	> 200 litres/min
Minimal Inspiratory Time	0,3 – 3,0 s
Maximal Inspiratory Time	0,3 – 3,0 s
Noise level (at 10 cmH <sub>2</sub> O constant pressure)	Less than 30 dB(A)
INDICATIONS	
Pressure ; bar graph and digital data	0 to 30 cmH <sub>2</sub> O
Calculated tidal volume accuracy	± 20%
Leakage calculation accuracy	± 20%
Total Breath Rate	BPM (Breath Per Minute)
I/E Ratio	1 :10 to 10 :1
ALARMS	
Audible Alarm Level	45 to 85 dB(A)
Low/High pressure alarm, Low volume alarm, Low/High leakage alarm, Low external DC Warning, Low power alarm, Internal function failure alarms	
POWER SUPPLY	
Mains supply / External battery	100 to 240 V AC / 12/24 V DC
OPERATING CONDITIONS	
Recommended mask leakage	20 to 40 litres/min at 10 cmH <sub>2</sub> O
Minimum mask leakage	12 litres/min at 4 cmH <sub>2</sub> O
DIMENSIONS	
W x H x D	185 x 230 x 227 mm
Weight	3,3 kg
Air outlet	22 mm male conical standard connector

# BREAS

**CORPORATE HEAD OFFICE** Breas Medical AB. Företagsvägen 1, SE-435 33 Mölnlycke, Sweden  
Phone +46 31 86 88 00. Fax +46 31 86 88 10. [breas@breas.com](mailto:breas@breas.com). [www.breas.com](http://www.breas.com).

Mar 2008