VIVO
by Breas

Vivo 30

To ensure a successful transition from hospital to home, healthcare providers seek respiratory solutions that can be trusted, make life easier and enjoy dedicated personal support. Moreover, serviceability and cost of ownership must meet increasingly strict demands.

A device you can trust

The Vivo* ventilators are well trusted by patients and care givers as proven by more than 30,000 units sold worldwide. The Vivo 30 provides both non-invasive support in PSV, PCV and CPAP mode.

Thanks to eSync*, the highly responsive trigger technology, the Vivo 30 synchronizes smoothly with the patient's breathing effort, leading to lower the work of breathing and higher the level of comfort.

To ensure excellent control of the treatment, there are ample ways to adapt the settings to the need of the individual patient. Apart from IPAP and EPAP, also rise time, trigger sensitivity and ramp timeoptional minimal and maximal Inspiratory Time can be set. A comprehensive alarm package provides security for patients and care givers.

Making life easier for patients and caregivers

The user interface and menu structure of the Vivo 30 are intuitive and consistent throughout the Vivo range. This makes the Vivo 30 easy to learn and easy to teach. It facilitates situations where multiple staff members work with the device. The (optional) integrated humidifier is completely regulated through the ventilator and provides additional patient comfort. If data analysis or reports are required, data can easily be downloaded to a flash card. An external DC connection is available for additional power source.

Designed for the home environment

With its attractive Scandinavian design, low noise level and small footprint the Vivo 30 is highly suitable for the home environment. The Vivo 30 will allow for a secure and comfortable transition from hospital to home.

- Enhanced trigger
- Enhanced display and look
- Improved humidifier

Large screen and intuitive user interface

Integrated humidifier

Enhanced trigger function

- Minimal and Maximal Inspiratory Time
- eSync*, synchronized breath delivery
- Designed for use at Home or in Hospital
- Large easy-to-read display with simple menu structure and backlight
- Large easy-to-use buttons with backlight
- Built-in alarm clock
- Designed for a wide range of masks
- Low noise < 30dB(A)

- 3 Ventilation modes
- 2 Device modes
- Comprehensive alarm package
- Integrated Heated Humidifier
- Internal data/calendar memory
- Stable unit with small footprint
- Easy to carry
- Worldwide mains power compatibility
- Flexible DC power options

Technical Specifications

Settings/Performance	
Ventilation Modes	• PSV (Pressure Support Ventilation) • PCV (Pressure Control Ventilation) • CPAP (Continuous Positive Airway Pressure)
Device Modes	• Clinical • Home
IPAP/EPAP	4 to 30 cmH$_2$O / 2 to 20 cmH$_2$O or IPAP -2 cmH$_2$O
CPAP	4 to 20 cmH$_2$O
Breath Rate	4 to 40 BPM
Inspiratory Time	0.3 to 5 s
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$_2$O/L)
Audible alarm	1 to 9
Maximum flow	> 200 litres/min
Minimal Inspiratory Time	Off, 0.3 – 3.0 s
Maximal Inspiratory Time	0.3 – 3.0 s, Off
Noise level (at 10 cmH$_2$O constant pressure)	Less than 30 dB(A)

Indications	
Pressure; bar graph and digital data	0 to 30 cmH$_2$O
Calculated tidal volume accuracy	± 20%
Leakage calculation accuracy	± 20%
Total Breath Rate	BPM (Breaths Per Minute)
I/E Ratio	1 :10 to 10 :1

Power Supplies	
Mains supply	100 to 240 V AC
External battery	12/24 V DC
Operating Conditions	
Recommended mask leakage	20 to 40 litres/min at 10 cmH$_2$O
Minimum mask leakage	12 litres/min at 4 cmH$_2$O

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.

Dimensions	
W x H x D	185 x 230 x 227 mm
Weight	3.1 kg
Air outlet	22 mm male conical standard connector