Vivo 45LS – Designed for everyday life

To meet the needs connected to a wide range of respiratory conditions, a ventilator must offer outstanding clinical versatility and performance. But equally as important, it must be designed around the patient's life, activities and home environment. That's why we've created Vivo 45LS, a life support ventilator for adult and pediatric patients from 5 kg. The Vivo 45LS is designed to maximize independence and mobility. That's what we mean by "Designed for everyday life".

DESIGNED FOR EVERYDAY LIFE

• Small, neat and user friendly

• Integrated humidifier and heated wire connection

• 2.5 h internal + 6.5 h click-in battery for use on the move

ADAPTABLE

• Pressure and volume modes

• Both passive circuits and circuits with active exhalation valve

• Options for a wide range of patients and conditions from 5 kg

• Integrated polygraphy tracing: SpO2, FiO2, CO2, respiratory effort belts

CONNECTED

Making Connected Care more insightful • EveryWare – Secure cloud-based remote connectivity solution

• PC Software – Desktop-based with Live Viewer

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Breas Vivo 45LS Technical Specifications

Settings/	
Ventilation Modes	PSV, PSV-AE, PSV(TgV), PSV(TgV)-AE, PCV, PCV-AE, PCV(TgV), PCV(TgV)-AE, PCV(A), PCV(A)-AE, PCV(A+TgV), PCV(A+TgV)-AE, CPAP, VCV, VCV(A), VCV-MPV, VCV-SIMV, PCV-SIMV, PCV-MPV
Patient Modes	Adult, Paediatric
Device Modes	Home, Clinical
Profiles	3 settable profiles
Inspiratory Pressure	4 – 50 cmH2O
PEEP	2 – 20 cmH2O
Breath Rate/Back-up Rate	Adults: 4 – 40 bpm, Paediatrics: 6 – 60 bpm
Inspiratory Time	0.3 – 5 s
Backup Inspiratory Time Rise	0.3 – 5 s (PSV)
Time	1 – 9 (PSV, PCV), 50 to 90%, Off (VCV)
Inspiratory Trigger Expiratory	1 – 9 (PSV, PCV, VCV), Off (PCV, VCV)
Trigger	1 – 9 (PSV, PCV-SIMV, VCV-SIMV)
Minimum Inspiratory Time	Off, 0.3 – 3 s
Maximum 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 cmH2O, PS: 2 – 50 cmH2O -Max EPAP, EPAP Step: 0.5 – 2 cmH2O, Relax Time: 120 – 720 sec/Off, Min PS/Max PS: 2 – 50 cmH2O, -Max EPAP, Pressure Limit: Max EPAP +2 cmH2O – 50 cmH2O

Monitoring	
Displayed data	Ppeak, PEEP, Pmean, Leakage, MV, Vt, FiO2, % in TgV, Total Rate, Spont Rate, % Spont, SpO2, Pulse, Rate, I:E, Inspiratory Time, Rise Time, EtCO2, PtcCO2, AHI
Waveforms	Pressure, flow, volume, EtCO2, Effort Belts
Trends over 1, 6, 24, 48 h and 10 days on device screen	Ppeak, PEEP, Total Rate, Spont Rate, Vt, Leakage, SpO2, EtCO2

Power Supplies	
Mains supply	100 to 240 V AC
External DC	12 – 24 V
Click-in battery	6.5 hours
Internal battery	2.5 hours

Alarms	
Alarms	High Pressure, Low Pressure, High PEEP, Low PEEP, High Vt, Low Vt, High MV, Low MV, High Breath Rate, Low Breath Rate, Apnea, Disconnection, High FiO2, Low FiO2, High SpO2, Low SpO2, High CO2, Low CO2, High InspCO2, High Pulse Rate, Low Pulse Rate, Low Last Power Source, Obstruction, Rebreathing

Dimensions	
W x H x D	216 x 159 x 152 mm
Weight	2.4 kg
Noise level (at 10 cmH2O constant pressure)	Less than 28 dB(A)

Connectivity and software	
Built-in connectivity	Ethernet, USB
Compatible software	PC Software, EveryWare Remote Connectivity Solution
Plug-and-Play accessories	SpO2, PtcCO2, EtCO2, Effort Belts, Nurse Call, Remote Alarm, Remote Start/Stop

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

West Prime Healthcare

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