

FAQs (Frequently Asked Questions)

What is the size and weight of the Vivo 45 LS?

8.50" x 6.26" x 5.98" (216 x 159 x 152 mm);
5.3 lb (2.4 kg)

How does the size compare to the Philips EVO?

The Vivo 45 LS is less than half the size and weight of the EVO, 8.50" x 6.26" x 5.98" (318.2 cu. in.) vs x 6.48" x 11.25" x 9.65" (703.5 cu. in.) and 5.3 lb vs 10.6 lb.

For whom is the Vivo 45 LS indicated?

Pediatric to adult patients weighing 5 kg (11 lbs) or more although the mouthpiece ventilation modes are for adult patients only.

What types of ventilation does it provide?

Invasive and non-invasive ventilation for Life Support and Non-Life-Support and mouthpiece ventilation. Pressure and Volume modes (13 ventilation modes).

What type of circuits can it use?

Non-proprietary, single limb, active circuits. Single limb, passive circuits. Mouthpiece ventilation circuits.

How long is the battery life?

2 hours internal battery, 5.5 hours hot swap, click in battery.

What type of trigger technology does it use?

eSync™ patented trigger technology. eSync helps avoid the asynchronous interaction between the patient and ventilator caused by leaks.

What type of advanced monitoring capabilities does it have?

The Vivo 45 LS is capable of integrated patient monitoring of FiO₂, SpO₂ and EtCO₂, in addition to PtcCO₂ device integration. Data is stored in the Vivo 45 LS and can be viewed on the monitor as values and curves.



What type of PtcCO₂ monitor can it connect to?

Sentec

What type of data monitoring is available?

Remote connectivity to EveryWare by Breas using iLink cellular modem.

Can it be used with supplemental oxygen?

Supplemental oxygen with a flow of up to 15L/min can be added.

What is the maximum pressure?

50 cmH₂O

How long is the warranty?

24 months from the date of original shipment.

What is the PM schedule?

Replace the blower assembly at 20,000 hours of use. Replace the internal battery when the battery health parameter is below 80% (expected battery lifetime is approximately 3 years).

What are the HCPCS codes for the Vivo 45 LS?
E0465 non-invasive home ventilation and E0466 invasive home ventilation.

What is the smallest settable volume?
50 ml in Pediatric mode; 300 ml in Adult mode

Can a low SpO₂ alarm be set?
Yes. This alarm requires a connected SpO₂ sensor.

Can a high pulse rate alarm be set?
Yes. This alarm requires a connected SpO₂ sensor. The High Pulse Rate Alarm will be given when the measured pulse rate exceeds the alarm limit for 15 seconds.

How many patient profiles can be saved?
Three different profiles can be used for storing complete parameter and alarm settings. This function is suitable as a quick selection for a patient using different settings, for example at night or during daytime. The profile settings are defined in Clinical Mode. The choice of profile can be altered in Home Mode.

Can the three profiles be set for different circuit configurations?
Yes

Is it easy for the patient to switch between profiles?
Yes, a patient can switch between up to three different profiles in home mode, if they have been created by the clinician.

Is there a pre-use test?
Yes, it is used whenever a new circuit configuration is attached. The pre-use test allows the Vivo 45 LS to check the resistance inside the circuit and adjust its measurements accordingly. It also checks for the type of circuit that is in use, checks for leaks and measures the circuit compliance. If it is not performed, it assumes a 6 ft circuit is attached.

What is the lowest trigger sensitivity setting?
Less than 0.5 l/m.

Is the flow cycle percentage adjustable?
Yes, from 10% – 90%.

