



The **Fluke Biomedical VT Plus HF** is a gas-flow analyzer that can be used to test mechanical and high-frequency ventilators. It has the ability to measure both high-flow, low-flow, and pressure. It replaces the need to use gauges and flow meters by measuring up to 21 different ventilator parameters. The measurements can be displayed on the screen or be printed.

Features

- Capable of graphing minimum, maximum, average, and absolute measurements for all parameters.
- Can be operated with precision test lungs to ensure ventilators are calibrated.
- Bi-directional flow, pressure, volume, oxygen concentration, and pressure measurements.
- High-flow, low-flow and pressure measurement capability.
- Can display 21 different ventilator parameters.



Specifications

Dimensions (Floor stand)

Height: 5" (12.7 cm)
Width: 10" (25.4 cm)
Depth: 10" (25.4 cm)
Weight: 10lbs (4.53 kg)

General

Power: 100 V ac to 240 V ac, 50/60 Hz
Maximum over-voltage: 264 V ac
Power consumption: < 132 V A
Fuse rating: 0.5 A, slow blow
Display: 320 x 240 LCD with CFL backlight
Viewing area: 10.1 cm x 8.2 cm (3 in x 4 in), blue on white background
Operational Modes: Manual mode for simple tests or troubleshooting; computer-control mode, using RS-232 serial port for special applications; use of VT PLUS HF with VT for Windows software for recording graphs and logging data to a computer
Output ports: RS-232 serial port, and parallel-printer port

Oxygen Measurement

Range: 0 to 100%
Accuracy: $\pm 2\%$ FSO
Resolution: 0.1% O₂
Transducer location: Internal

Gas

Compatibility: Air, O₂, CO₂, N₂, N₂O, He, mixtures, or user-defined
Reference units: ATP, STPD0, STPD21 and BTPS

