

# Compact Respiratory Diagnostic Workstation

A multi-diagnostic clinic solution that facilitates accurate and efficient point-of-care assessment of respiratory health.



## Technical Specifications

<b>Product</b>	Vitalograph Compact Model 6600
<b>Flow Detection Principal</b>	Fleisch type pneumotachograph
<b>Volume Detection</b>	Flow integration sampling @ 100Hz
<b>Volume Accuracy</b>	±2.5% or ±0.05L
<b>Flow Measurement Range</b>	Max. flow rate ±960 L/min (±16 L/s) Min. flow rate ±1.2 L/min (±0.02 L/s)
<b>PEF Accuracy</b>	±10% or 0.3L/s
<b>Back pressure</b>	Less than 0.1kPa/L/sec @ 14L/sec
<b>Operating temperature range</b>	ISO26782:2009 Guidelines: 17–35°C Design limits: 10–40°C
<b>Operating humidity range</b>	30%–75%
<b>Operating ambient pressure range</b>	850hPa–1060hPa
<b>Operating Pressure RMS</b>	+/- 300cmH2O
<b>Pressure Accuracy RMS</b>	+/- 3%
<b>Pressure Resolution RMS</b>	1 cmH2O
<b>Performance standards the Vitalograph Pneumotrac meets or exceeds</b>	ATS/ERS 2019, ISO 23747:2015 & ISO 26782:2009
<b>QA/GMP standards</b>	EN ISO13485, FDA 21 CFR 820, SOR/98-282, Japan's PMD Act, MDSAP
<b>Safety Standards</b>	EN60601-1:2006 + A1:2013 + A2:2021
<b>Dimensions</b>	296mm (length) x 261mm (width) x 108mm (height)
<b>Weight</b>	3Kg net
<b>Communications</b>	USB x 6, Ethernet x 2, Wifi
<b>Power Supply</b>	19V DC Power Supply
<b>Operating System</b>	Microsoft Windows 10 Embedded
<b>Processor</b>	Intel Quad Core Processor
<b>RAM</b>	4GB
<b>Screen</b>	12.1" LCD 1280*800 pixel with capacitive touch screen
<b>Device Classification</b>	Class II (USA) / IIa (EU) medical device

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