

# Pneumotrac Spirometer

Fast, easy and accurate spirometry instantly on your PC, laptop or tablet.



## Technical Specifications

<b>Product</b>	Vitalograph Pneumotrac Model 6800
<b>Flow Detection Principal</b>	Fleisch type pneumotachograph
<b>Volume Detection</b>	Flow integration sampling @ 100Hz
<b>Volume Accuracy</b>	Within $\pm 2.5\%$
<b>Flow Measurement Range</b>	Max. flow rate $\pm 960$ L/min ( $\pm 16$ L/s) Min. flow rate $\pm 1.2$ L/min ( $\pm 0.02$ L/s)
<b>PEF Accuracy</b>	Within $\pm 10\%$ or $\pm 10$ L/min of the reading (ISO 23747:2015)
<b>Back pressure</b>	Less than 0.15kPa/L/sec @ 14L/sec
<b>Operating temperature range</b>	ISO26782 limits: 17–37°C Design limits: 10–40°C
<b>Operating humidity range</b>	30%–75%
<b>Ambient pressure range</b>	850hPa–1060hPa
<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 ISO 13485, FDA 21 CFR 820, SOR/98-282 & Japan's PMD Act
<b>Dimensions</b>	160mm (length) x 95mm (width) x 115mm (height)
<b>Weight</b>	550g
<b>Communications</b>	USB 2.0/3.0
<b>Power Supply</b>	5V DC via USB
<b>Device Classification</b>	Class II (USA) / IIa (EU) medical device

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