

Pneumotrac Spirometer with RMS

An enhanced diagnostics solution that combines highly accurate Respiratory Muscle Strength and Spirometry testing in one robust, portable device.



Technical Specifications

Product	Vitalograph Pneumotrac Model 6800
Flow Detection Principal	Fleisch type pneumotachograph
MIP MEP SNIP Measurement Range	+/- 300 cmH ₂ O
MIP MEP SNIP Accuracy	+/- 3%
Resolution	0.1cmH ₂ O
Volume Detection	Flow integration sampling @ 100Hz
Volume Accuracy	Within ±2.5%
Flow Measurement Range	Max. flow rate ±960 L/min (±16 L/s) Min. flow rate ±1.2 L/min (±0.02 L/s)
PEF Accuracy	±10% or ±10L/min of the reading
Back pressure	Less than 0.15kPa/L/sec @ 14L/sec
Operating temperature range	ISO26782 limits: 17–37°C Design limits: 10–40°C
Operating humidity range	30%–75%
Ambient pressure range	850hPa–1060hPa
Performance standards the Vitalograph Pneumotrac meets or exceeds	ATS/ERS 2019, ISO 23747:2015 & ISO 26782:2009
QA/GMP standards	EN ISO13485, FDA 21 CFR 820, SOR/98-282, Japan's PMD Act, MDSAP
Safety Standards	EN60601-1:2006 + A1:2013 + A2:2021
Dimensions	160mm (length) x 95mm (width) x 115mm (height)
Weight	550g
Communications	USB 2.0/3.0
Power Supply	5V DC via USB 2.0/3.0
Device Classification	Class II (USA) / IIa (EU) medical device

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