

Technical Specifications

Measurement

Flow/Volume-loop (FVC) FVC, FEV1, FEV1/FVC, MFEF 25-75, FEF 75, PEF, PIF and others

Slow vital capacity (SVC) VC IN, VC EX, IC, ERV, IRV, VT, BF and others

Maximum voluntary ventilation (MVV) MVV, BF MVV, VT MVV and others

Flow measurement

Type High-quality pneumotach

Range 0.1 to ± 16 L/s

Resolution 1 mL/s

Accuracy 0.1 to 14 L/s: $\pm 5\%$ of reading or 0.2 L/s, whichever is greater

Resistance < 0.05 kPa/L/s (0.51 cmH₂O/L/s) at 10 L/s

Volume integration

Type Software volume integration of flow signal

Range 30 L (software limited)

Resolution 1 mL

Accuracy 0.5 to 8 L: $\pm 3\%$ of reading or 0.05 L, whichever is greater

Ambient conditions

Temperature $+10$ °C to $+34$ °C ($+50$ °F to 93.2 °F)

Relative humidity 20 to 80 % RH, non-condensing

Ambient pressure 700 to 1060 hPa (525 to 795 mmHg)

Altitude ≤ 3000 m

Power supply

Mains voltage 5 V DC via USB

Classification of applied parts

Type applied part B

Category according to MDD 93/42/EEC (2007)

Complete system Active class IIa medical product

Operating Mode

Complete system Continuous operation

Standards, directives and market clearances

Standards EN 60601-1, EN 60601-1-2, EN 62304, EN 62366, EN ISO 14971, EN ISO 10993-1

Directives 93/42/EEC amended by 2007/47/EC, RoHS 2011/65/EU compliant

Market clearances CE, FDA 510(k) clearance



Components

JAeger pneumotach consists of handle and 2 pneumotachs

Set of accessories
mouthpieces, nose clips, elbows,
calibration adapter

Complete SentrySuite software package inclusive detailed Instructions for Use



*based on the Bio Burden DIN EN ISO 11737-1: Report 18AA0088

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