

OEM Spirometry Module

Miniature, low power module allows the addition of diagnostic spirometry to any medical system.

Designed for systems required to meet the following standards:

- American Thoracic Society (ATS/ERS) 2005 Standard
- British Thoracic Society (BTS) Standard
- National Institute for Health and Clinical Excellence (NICE) Guidelines

Used with VectraCor proprietary single-use pneumotachometers (mouthpieces).

Range, Accuracy, Precision and Resolution for Forced Expiratory Maneuvers –

- **Range:**
 - Flow: +/-14 liters/second
 - Volume: 0.5-8.0 liters
- **Accuracy**
 - Flow:
 - *FEF 25-75*: 5% of indication or +/-200 ml/sec, whichever is greater.
 - *PEF*: 10% of indication or +/-300 ml/sec, whichever is greater.
 - Volume:
 - *FVC and FEV1*: +/-3% of indication or +/-50 ml, whichever is greater.
 - *MVV*: +/-10% of indication or +/-15 L/min, whichever is greater.
- **Precision**
 - Flow: *PEF*: +/-5% of indication or 150 ml/sec whichever is greater.
 - Volume: *FVC and FEV1*: +/-3% of indication or 50 ml whichever is greater.

Measured Parameters: FVC, FEV0.5, FEV1, FEV6, FEV3, FEV1/FEV6, FEV1/FVC, FEV3/FVC, PEFR, PEFT, FEF25%, FEF50%, FEF75%, FEF25-75%, FEVC, FEV0.5, FIV1, FIV3, FIV1/FIVC, FEV3/FIVC, PIFR, FIF50%, FIF25-75%, FIF.2-1.2, FVC/FIVC, Extrapolated Volume, EOTV, FET, MVV, RR, MTV, SVC

Nominal Supply Voltage: 5 V