SpiroConnect
The most accurate, comprehensive and simple to use spirometry solution available
SpiroConnect is the most accurate, comprehensive and simple to use spirometry solution available. Ideal for Asthma and COPD patient testing, it offers full integration with the EMIS, TPP SystmOne and Vision GP clinical systems. SpiroConnect is supplied with all of the required software and accessories and a 2 year warranty.

Next Generation Turbine Technology

SpiroConnect is the next generation of turbine spirometer that uses proven turbine technology but with a range of innovative enhancements. Developed by Chris Lawson, the inventor of the original turbine spirometer and co-founder of Micro Medical, SpiroConnect features a vertical turbine with improved flow sensitivity. By orientating the turbine vertically rather than horizontally, there is less rotational resistance which makes it more sensitive to low flow rates than other turbine spirometers. This, in addition to the use of an advanced antistatic plastic, significantly enhances measurement accuracy, particularly when testing COPD and Asthma patients.

Key Features and Benefits:

- **Wireless Bluetooth Connection**
  Improves convenience for the clinician and patient

- **PC or Tablet Based**
  Suitable for in-clinic testing or domiciliary visits

- **Simple Design**
  Quick and easy to clean and sterilise

- **MediServe Support Included***
  Keeps your service running smoothly no matter what may happen

- **Innovative Vertical Turbine**
  Makes it more sensitive to low flow rates than other turbine spirometers

- **Includes GLI Predicted Values**
  As recommended by the Association for Respiratory Technology and Physiology (ARTP)

- **Inexpensive Consumables**
  Reduces running costs

- **Installation & Training Available**
  Ensures you are able to make full use of your new equipment quickly and easily

*First year included, ongoing costs apply thereafter
Transducer Type: Bi-directional high sensitivity vertical turbine

Measurements: 
- VC, FEV0.75, FEV1, FEV6, FVC, PEF, FEF25 (MEF75), FEF50 (MEF50), FEF75 (MEF25), FEF25-75 (MMEF), FIV1, FIVC, PIF, FIF25 (MIF75), FIF50 (MIF50), FIF75 (MIF25), MET25-75, FET, EVC, IVC, IC, VT (TV), Ti, Te, IRV, ERV, Vext, FEV0.75/VC, FEV0.75/FVC, FEV1/VC, FEV1/FVC, (FER), FEV3/VC, FEV3/FVC, FEV0.75/FEV6, FEV1/FEV6, FEF50/VC, FEF50/FVC, MMEF/FVC (FEF25-75/FVC), FIV1/FIVC (FIR), R50 (FEF50/FIF50), Ti/Ttot, VT/Ti (TV/Ti)

Accuracy: To ERS/ATS recommendations, Standardisation of Spirometry 2004 Update for flows and volumes

Sensitivity: Better than 0.025l/s

Power Supply: 2 x AA size Alkaline primary cells

Operating current: 120 mA peak

Battery life: Alkaline cells, typical battery life in excess of 12 months

Dimensions: 55mm (W) x 100mm (D) x 110mm (H)

Weight (including batteries): 200 g

Operating Conditions: 0 to 40 degrees C, 15% to 95% RH, non-condensing

Transport and Storage Conditions: -20 degrees C to 70 degrees C, 15% to 95% RH, non-condensing

Flow Range: 0 - 15 litres/sec

Volume Range: 0 - 8 litres

PC Software Requirements: PC running 32 or 64 bit Windows XP, Vista, Windows 7, Windows 8, Windows 10 (desktop versions only), 1 GHz processor, 100Mb free disk space, 1024 x 768 screen resolution, USB 2.0 port.