



SpiroConnect

The most accurate, comprehensive and simple
to use spirometry solution available

NUMED
— HEALTHCARE —

SpiroConnect

PC Based Spirometry System

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 SystemOne 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



Safer, Faster, Easier - I³ Integration

SpiroConnect is compatible with Numed's I³ integration software, which automatically retrieves a patient's details from the EMIS, TPP SystemOne or Vision GP clinical systems and files a PDF report and up to 40 spirometry Read codes to their medical record upon test completion.*

This offers a number of benefits to both you and your patients:



Enhances Patient Care

Dramatically simplifies the test procedure, allowing you to concentrate on caring for your patients



Increases Patient Safety

Ensures that diagnostic test results are always filed to the correct medical record, improving patient safety



Improves Report Quality

Files a high quality diagnostic report rather than a poor quality scan, allowing a more accurate diagnosis of symptoms



Reduces Administration

Eliminates manual data entry, scanning and attachment of test results, giving you more time with your patients

“It is easy to store, easy to use and saves a significant amount of time for both the nurse and the admin team. The reports and Read codes are always entered instantly and correctly which has improved patient safety ensuring no lost or illegible reports. I would definitely recommend the product and the excellent support and customer service.”

Iain Date - Practice Manager

Technical Specification

Transducer Type: Bi-directional high sensitivity vertical turbine

Measurements: VC, FEV0.75, FEV1, FEV3, 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°C to 70°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.

To find out more information about SpiroConnect:

Visit: www.numed.co.uk/spiroconnect Phone: **0114 243 3896** Email: info@numed.co.uk



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