

Specifications

General

Power supply :	Input 5V 0.1A
Dimensions:	50x60x90mm
Weight:	130g
Operating Temperature:	0 to +40°C
Operating Humidity:	30% to 90% RH
Storage Temperature:	-20 to +70°C
Storage Humidity:	10% to 90% RH
Predicted Values:	Various - depends upon national preference.
Transducer:	Micro Medical Bi-Directional Digital Volume.
Resolution:	-10ml volume 0.03l/s flow
Accuracy:	+/-3% To ATS recommendations - Standardisation of spirometry 1994 update for flows and volumes.
Measurements:	VC, EVC, IVC, FEV0.75, FEV1, FEV3, FEV6, FVC, PEF, FEV0.75/VC, FEV0.75/FVC, FEV1/VC, FEV1%, FEV3/VC, FEV3/FVC, FEV0.75/FEV6, FEV1/FEV6, MEF75, MEF50, MEF25, MMEF, MEF50/VC, MEF50/FVC, MVV, FIV1, FVC, PIF, FIV1%, MIF25, MIF50, MIF75, R50, MET, FET, TV, ERV, IRV, IC, FRC, RV, TLC, FRC/TLC, RV/TLC, LUNG AGE, Dyspnoea Score. [all expiratory measurements with baseline, post bronchodilator 1 and 2, % predicted, % change and normal range]

The SpiroUSB (Cat. No. ML2525) is part of an extensive range of respiratory monitoring equipment manufactured by Micro Medical Ltd.

Micro Medical Ltd pursues a policy of continuing improvement in design, production and performance of its products. The right is therefore reserved to vary details at any time and without notice.



Micro Medical Limited

PO BOX 6, Rochester, Kent, ME1 2AZ, UK

Telephone **01634 893500**

Fax **01634 893600**

International **+44 1634 893500**

Email micromedical@viasyshc.com

www.micromedical.co.uk



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a subsidiary of
VIASYS Healthcare

Fully featured PC

Spirometry in 3 easy steps

-  **PLUG** into your computer to instantly launch Spida 5
-  **CLICK** the 'New Examination' button in Spida 5
-  **BLOW** into the SpiroUSB and view results

'SpiroUSB - Windows 2000 and XP certified'



With research grade gold standard transducer

Focus on the Future



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A Powerful Solution for PC-based Spirometry

The SpiroUSB is a revolutionary new type of Spirometer that plugs directly into the USB port of your PC, without the need for any additional docking station or data uploading. If you have a Laptop or Notebook, SpiroUSB becomes highly portable too.

Designed for the professional, the SpiroUSB features the Micro Medical renowned Gold Standard transducer.

The instrument is very fast, yet simple to use, allowing instant recognition of the transducer to automatically open and run the accompanying software.

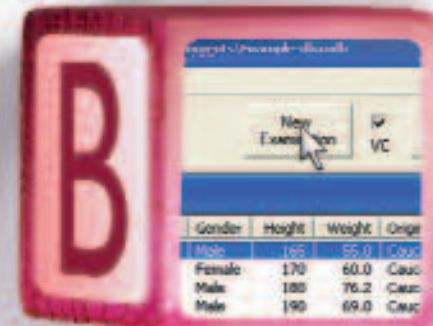
The SpiroUSB comes with our market-leading Spida 5 software. With a user-friendly multi-window interface, up to 41 spirometric indices can be measured. Both Open and Closed loop test techniques can be used and graphical child incentives are included. The long term trending of patient results, lung age calculation, and textual result interpretation are also featured.

The Spida 5 software can be easily linked to other patient journal or GP administration systems, occupational health or medical databases.

Available as an option for SpiroUSB is SpidaXpert, an advanced interpretation and diagnostic software module.



PLUG



CLICK



BLOW

SpiroUSB Cat. No. ML2525

Features

- Modern USB interface
- Spida 5 software included
- Plug and use device
- Up to 41 Spirometry indices measured
- No batteries required
- Optional SpidaXpert interpretation and diagnostic module
- Animated child incentive device
- Configurable printout format
- Full test quality control messages with on-line tutoring and ATS quality checks
- Textual interpretation
- Optional transducer stand

Medical

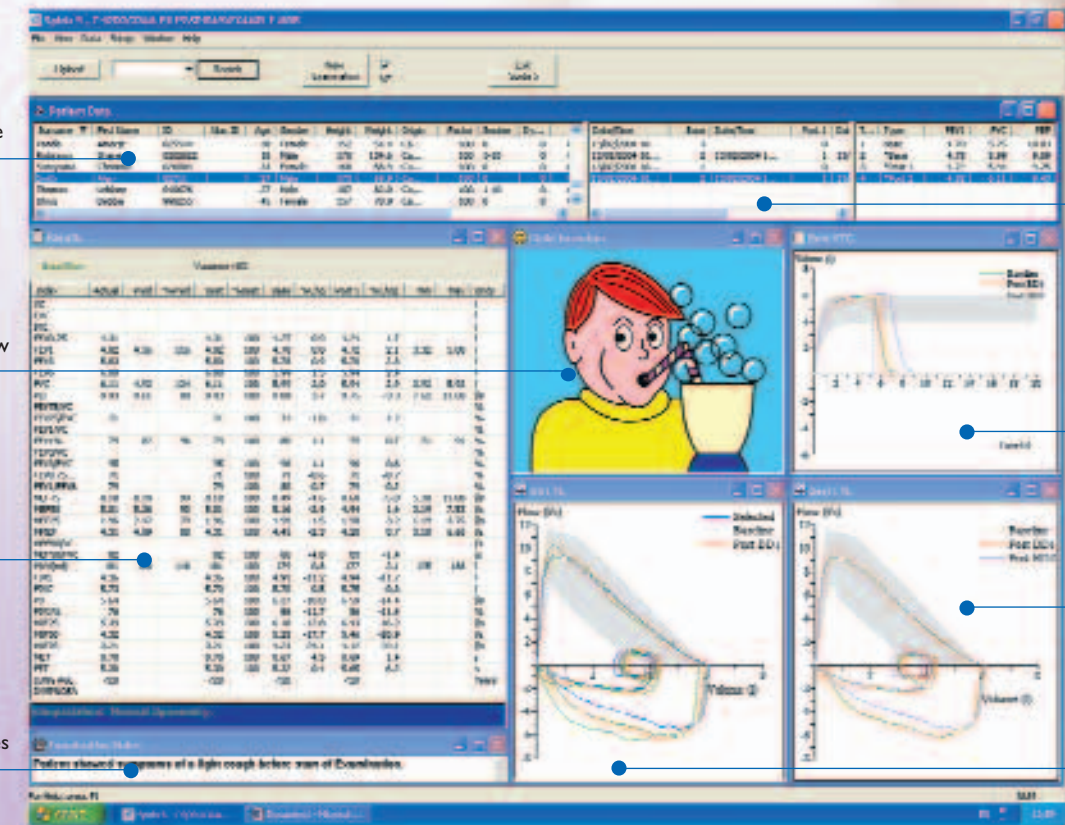
Advanced, user-friendly Spirometry PC software

Fully searchable Patient Database

Animated child incentive window

Results analysis

Amendable notes



Previous tests

Best volume time curve

Best flow volume loop

All flow volume loops

SpiroUSB Software (Spida 5)

Features

- Multi-window layout is extremely easy and fast to use
- Animated child incentive display
- Real-time Flow/Volume and Volume/Time traces
- Open and closed Flow/Volume loop test technique is possible
- Overlaying of previous test curves for comparison
- Long term trending facility
- Lung age calculation and textual interpretation
- Powerful search capability
- Up to 41 spirometry parameters can be measured
- Can be easily linked to other patient journal or GP administration systems, occupational health systems or other medical databases
- Configurable printout format
- Optional SpidaXpert Interpretation and diagnostics module.
- Complete with all accessories in a sturdy carrying case
- Additional flexibility of Dongle software protection key system

System Requirements

- PC with Microsoft Windows 2000 or later
- 32 MB of RAM
- 50 MB of free hard drive space
- Free Serial Port or USB Port
- Microsoft® Internet Explorer version 4.01 or above
- Video: SVGA 800x600, 256 colour

SpiroUSB Software (Spida 5) is compatible with Microsoft Windows 2000 and XP providing the PC System requirements adhered to.

Spida 5 and SpidaXpert come with a software protection key (Dongle) which offers increased flexibility in that the software can be installed on an number of PC's (but only used on the PC with the Dongle key connected to it).

