

Micro & MicroPlus

The World's
No. 1 Spirometers

Micro
Medical



Optional
MMEF and FEV₆
MicroPlus Version

With research grade gold standard transducer

The original pocket spirometers and still the best

The Micro and MicroPlus Spirometers are specifically designed for situations where low cost precision respiratory measurement is required. Selected for heart-lung transplant programmes world-wide as well as for major clinical trials. These spirometers have proven¹ long-term accuracy and reliability together with the endorsement of a British Design Award.

Low end-expiratory flows are often seen in COPD and Asthmatic patients. Micro Medical has developed a Gold Standard Transducer to ensure that such measurements are absolutely precise. Many other spirometers cannot offer this.

The Micro Spirometer will measure and display on it's high visibility screen FEV₁ and FVC. MicroPlus will also measure PEF, FEV₁% and can be connected to Spida 5, an optional 32 bit spirometry software, compatible with all the latest Windows operating systems.

Available as an upgrade for Spida 5 is SpidaXpert, an advanced interpretation and diagnostic program for spirometry.

An alternative version of MicroPlus which will measure MMEF an FEV₆ (in place of FVC) is also offered.

Simple to use, lightweight and with over 50,000 units in daily use these instruments are the World's No.1 Spirometers.

Features

- Gold Standard Transducer
- Meets and exceeds all ERS, ATS and BTS performance standards
- Competitively priced
- Complete with sturdy carrying case and accessories
- MicroPlus compatible with optional Spida 5 and SpidaXpert spirometry software
- No user calibration adjustment required
- Optional MMEF, FEV₆ MicroPlus version

Setting new standards in spirometry

The Gold Standard Transducer from Micro Medical gives you the most precise volume and flow measurements for your Asthma and COPD patients. This means that Micro Medical's world leading spirometers are the definitive benchmark for precision respiratory measurement.



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Specifications

Measurements	Micro Spirometer	FEV ₁ and FVC
	MicroPlus	FEV ₁ , FVC, PEF and FER (FEV ₁ %) or FEV ₁ , PEF, MMEF, FEV ₆ and FEV ₁ /FEV ₆ %
Volume Range	0.1 to 9.99 Litres	
Flow Range	0.2 to 15.00 Litres/Second	
Accuracy	±3% (meets all known Spirometry standards)	
Dimensions	170x60x26mm	
Weight nett	190gm (unit)	
Weight packed	625gm	
Power supply	Single 9 volt PP3	
Interface	RS232 (MicroPlus only)	

Bibliography

1 Dirksen A, Madsen F, Pedersen OF, Vedel AM, Jenson AK: Long term performance of a hand held Spirometer. Thorax, 1996;51:973-6

2 Otulana BA, Higenbottom T, Ferrari L. The use of home Spirometry in detecting acute lung rejection and infection following heart-lung transplantation. Chest, 1990;97:953-7

3 Pollard AJ, Mason NP, Barry PW, Pollard RC, Collier DJ, Fraser RS, Miller MR, Milledge JS: Effect of altitude on Spirometric parameters and the performance of peak flow meters. Thorax 1996;51:175-178

Micro Spirometer **Cat. No. MSO1**

MicroPlus Spirometer **Cat. No. MSO3**

Micro and Micro Plus Spirometers can be offered in other customised forms, including the parameters they measure, body colours and branding, please enquire

Micro Medical Limited

PO BOX 6, Rochester,

Kent, ME1 2AZ, UK

Telephone 01634 893500

Fax 01634 893600

International +44 1634 893500

Email sales@micromedical.co.uk

www.micromedical.co.uk

Micro Medical (Deutschland) GmbH

Kieler Str. 675, 22527 Hamburg, Germany

Tel +49 (0) 405 770 970

Fax +49 (0) 405 770 9717

Email: info@micro-medical.de

www.micromedical.co.uk

