

Micro

Micro & MicroPlus

Medical

a subsidiary of
VIASYS Healthcare

The World's
No. 1 Spirometers



**Optional
MMEF and FEV₆
MicroPlus Version**

With research grade gold standard transducer

Focus on the Future



Medical

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 programmes² 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 and FEV₆ (in place of FVC) is also offered.

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



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%
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 Ltd pursues a policy of continuing improvement in design, production and performance of it's products, the right is therefore reserved to vary details at any time without notice.

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