

sdi

DIAGNOSTICS

The Spirometry Source

spirolab

Diagnostic spirometer
with high resolution
monochromatic display

Complete
Spirometry
Testing!

Ideal for mobile
spirometry
testing,
spirolab is easy
to use
and requires
no calibration



Quality Spirometry

FDA
registered

ATS
standard

ISO
9001

EN
46001

spirolab

Complete spirometry testing

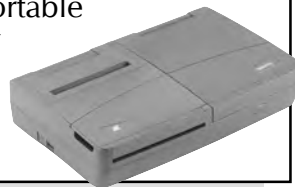
- **FVC, VC** with breathing pattern plus **MVV** tests with real time curves
- **Over 30 parameters** with automatic interpretation and test quality control
- **PRE/POST** bronchial response protocol with F/V loop comparison
- **FEV1/drug** administration trend

Stand-alone spirometry

- **Silent thermal printer** full spirometric report prints in seconds
- **Rechargeable battery** plus standard AC
- **User-friendly keyboard** with dedicated function keys and alphanumeric data entry

Versatile portable spirometry

- **Internal database** for several hundred complete tests
- **Predicted values** with several sets of authors
- **Only 4 lbs.** for truly portable spirometry



Quality spirometry precise measurement

The proven MIR digital turbine flow sensor requires no calibration and complies with the stringent ATS 24/26 waveforms.



Technical specifications

Power supply:

Rechargeable battery and standard AC

Temperature sensor:

Semiconductor 0-45°C

Flow and volume transducer:

digital turbine

Flow/volume range:

0-16 Ls⁻¹ / 10 L, BTPS

Volume accuracy:

± 3% or 50 mL

Flow accuracy:

± 5% or 200 mL/s

Dynamic resistance:

<0.8 cm H₂O/L/s

Graphic display:

Monochrome 240x320

Printer paper:

Thermal, 112 mm width

Mouthpieces:

30 mm external diameter

Serial output:

RS 232, optoisolated

Dimensions:

12" x 7 3/4" x 2 5/8"

Weight:

approx. 4 lbs.

Parameters:

FVC, FEV1, FEV1%, FEV6, FEV1/FEV6%, PEF, FEF25-75%, FEF25%, FEF50%, FEF75%, FET, Vext, FVC, FEV1, PEF, PIF, FIVC, FIV1, FIV1%, VC, IVC, ERV, IC, VT, VE, BF, Ti, Te, Ti/Ttot VT/Ti, MVV

spirolab meets the ATS and ERS standards.

Option:

carrying case

Your Dealer:

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