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

Q

Quality Spirometry

FDA	ATS	ISO	EN
registered	standard	9001	46001

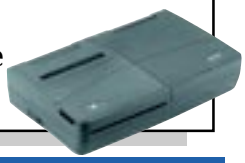
spirolab

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

Versatile portable spirometry

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



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

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 H_2O/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

SDI reserves the right to modify the technical characteristics at any time without prior notice.

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