

# spirolab II

Diagnostic spirometer  
with high resolution  
color display

**sdi**

DIAGNOSTICS

*The Spirometry Source*

Smaller, lighter,  
faster,  
more powerful,  
simple to use and  
accurate,  
Spirolab II  
has it all



Quality Spirometry

FDA

registered

ATS

standard

ISO

9001

EN

46001

10 Hampden Drive, Easton, MA 02375  
[www.sdidiagnostics.com](http://www.sdidiagnostics.com)

# spirolab II

## Complete spirometry testing

- **FVC, SVC**  
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
- **User-friendly keyboard**  
Dedicated function keys and alphanumeric data entry

## Versatile portable spirometry

- **External printer**  
Direct connection
- **Internal database**  
More than 1500 tests
- **Predicted values**  
Several sets of authors
- **8 Test montage display**  
for easy review



## Quality spirometry precise measurement

### 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<sup>-1</sup> / 10 L, BTPS

#### Volume accuracy:

± 3% or 50 mL

#### Flow accuracy:

± 5% or 200 mL/s

#### Dynamic resistance:

< 0.8 cm H<sub>2</sub>O/L/s

#### Color display:

FSTN 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, PIF, FIVC, FIV1, FIV1%, VC, IVC, ERV, IC, VT, VE, BF, Ti, Te, Ti/Ttot VT/Ti, MVV

spirolab II meets the ATS and ERS standards.

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

### Your dealer:

## spirolab II an investment in the future

### Upgradeable

- **Internal software**  
by connecting to the PC. Latest version always available on the web.
- **Winspiro Pro Software**  
Comprehensive PC spirometry for additional storage and capabilities.