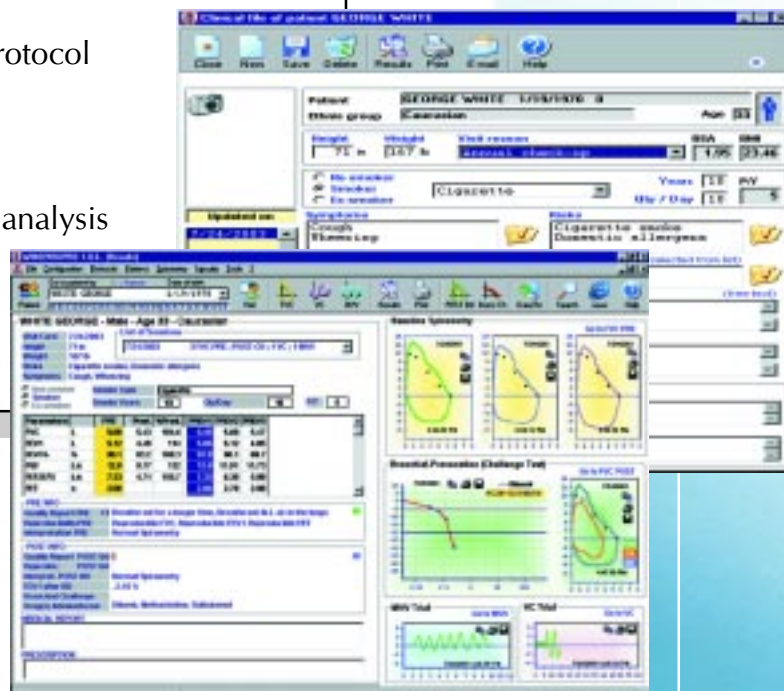


# spirolab II

## On-line PC Connection

- **Winspiro Pro software** turns the **spirolab II** into an on-line clinical spirometer with the Flow/Volume loop shown in real time on the PC. Subject information detailed with complete clinical history .
- **PRE-POST** bronchial challenge testing protocol
- **FEV1 dose-response curves**
- **Lung Age** estimation
- **FEV1 decline rate** graph with regression analysis
- **User friendly** icon-based interface
- **Database** with link to Central Management System



**sdi**

DIAGNOSTICS

The Spirometry Source

**sdi**

DIAGNOSTICS

The Spirometry Source

## 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.

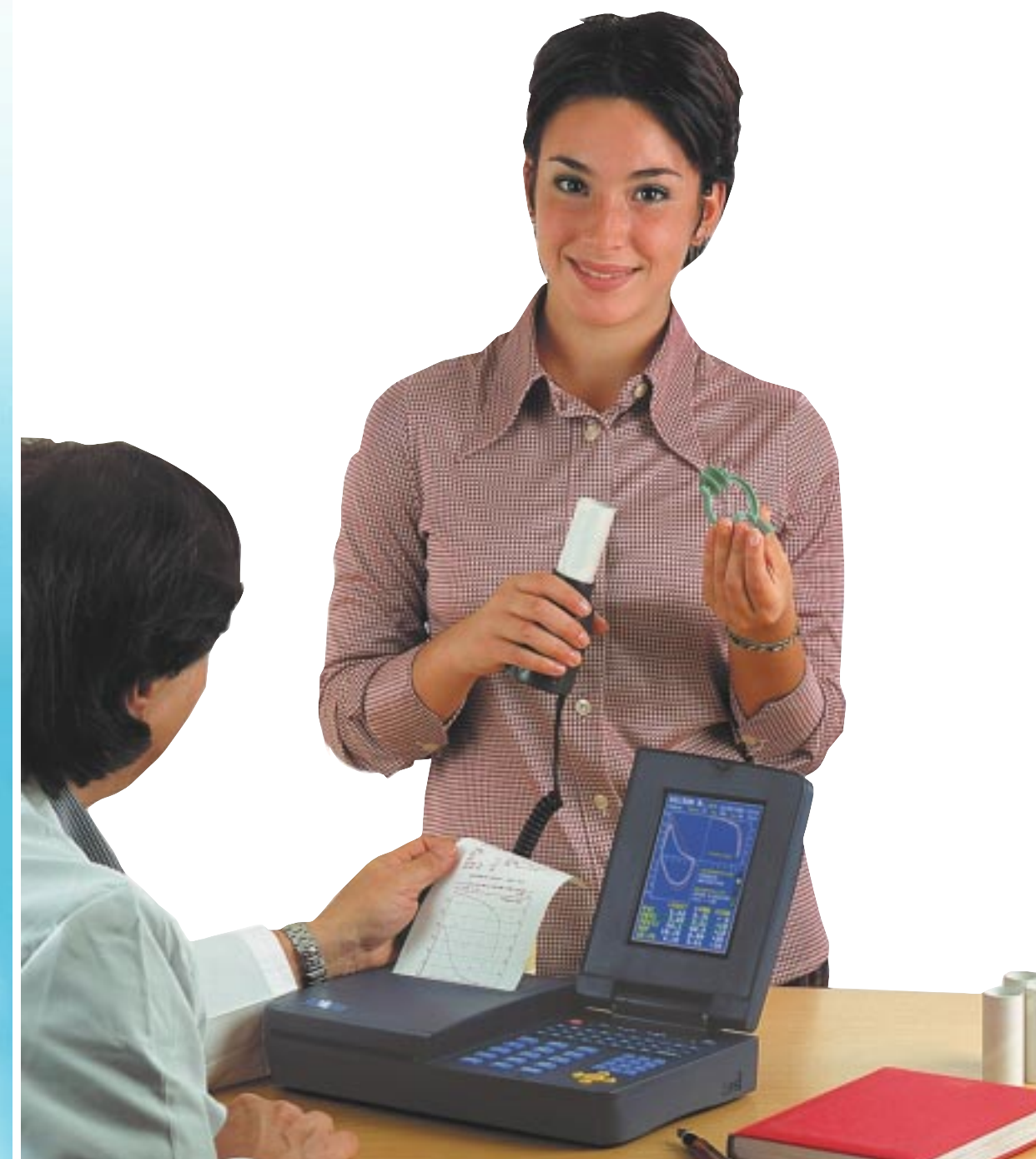
## Your dealer:

SDI Diagnostics  
10 Hampden Drive  
Easton, MA 02375  
tel. 800-678-5782  
508-238-7033  
fax 508-230-8497

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

# spirolab II

Diagnostic spirometer  
with high resolution  
color display



Quality Spirometry

FDA  
registered

ATS  
standard

ISO  
9001

EN  
46001





Quality Spirometry

# spirolab II

Diagnostic spirometer  
with high resolution  
color display

## 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

**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.

## Stand-alone spirometry

- **Silent thermal printer**  
full spirometric report prints  
in seconds
- **Rechargeable battery**  
plus AC adapter
- **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
- **Only 4 lbs.**  
truly portable spirometry
- **8 Test montage display**  
for easy review

**Quality spirometry  
precise measurement**

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



**sdi**

DIAGNOSTICS

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