Spirolab II

Diagnostic spirometer with high resolution colour display

- **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
- **Silent thermal printer**, full spirometer report prints in a few seconds
- **Rechargeable battery** plus mains power

- **User-friendly keyboard** with dedicated function keys plus alphanumeric data entry
- **Available direct connection** for external printer
- **Internal database** for more than 1500 complete tests
- **Predicted values** with several sets of authors
- **Digital turbine** flow sensor requires no calibration and is certified by A.T.S.
- **Upgradeable internal software** by connecting to the PC
- **Telemedicine and internet ready**
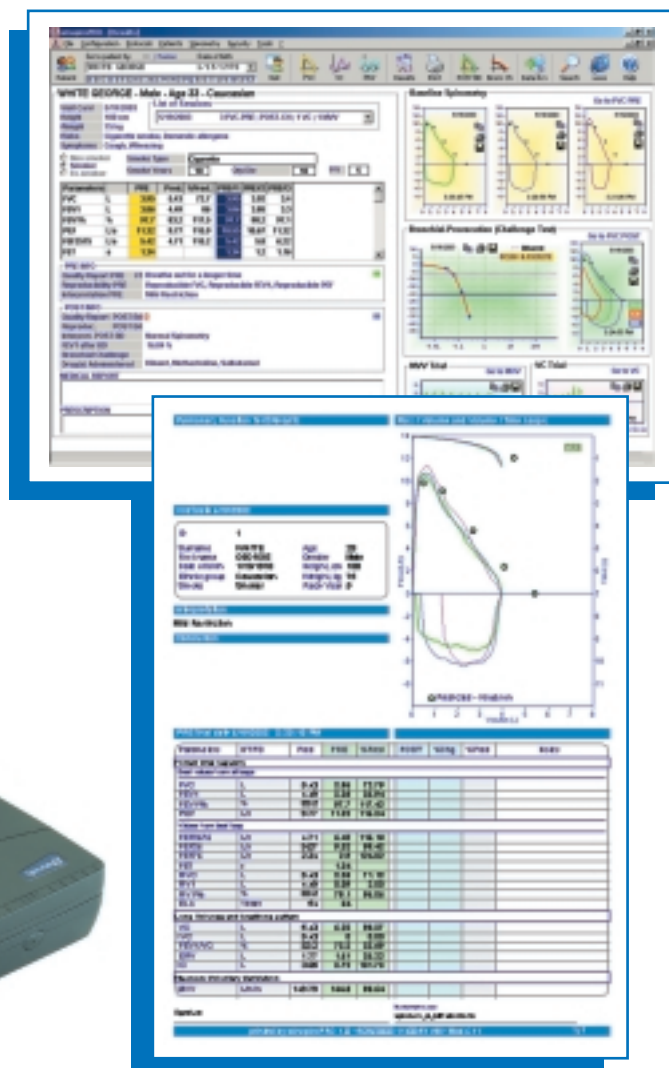- **Stand alone and only 1,9 Kg.** for truly portable spirometry

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PROGETTI
MEDICAL EQUIPMENT

Spirolab II

Upgradeable PC connection

- **Winspiro PRO software** *(optional)* turns the Spirolab *II* into an on-line clinical spirometer with Flow/Volume curve shown in real time on PC.
- **PRE-POST** bronchial challenge testing protocol.
- **FEV1 dose-response** curves.
- **Lung Age** estimation.
- **User friendly** icon-based interface.
- **Database** with link to Central Patient Manag. System.
- Includes a series of user-selectable, and amusing. **pediatric** incentive animation.

Features

Power supply:	Rechargeable battery and mains power	**Size and Weight:**	310 x 205 x 65 mm 1,9 Kg.
Temperat. sensor:	Semiconductor 0-45°C	**Parameters:**	FVC, FEV1, FEV1%, FEV6, FEV 6%
Flow sensor:	Digital turbine		FEV1/FEV6%, PEF, FEF25-75%,
Flow/volume range:	± 16 L/s^{-1}/10 L, BTPS		FEF25%, FEF50%, FEF75%, FET, Vext,
Volume accuracy:	± 3% or 50 mL		*FVC, *FEV1, *PEF, PIF, FIVC, FIV1,
Flow accuracy:	± 5% or 200 mL/s		FIV1%, VC, IVC, ERV, IC, VT, VE,
Dynamic resistance:	<0.8 cm H_2O/L/s		BF, Ti, Te, Ti/Ttot, VT/Ti, MVV
Colour display:	FSTN 240x320	**Standards:**	ATS and ERS
Printer/paper:	Thermal, 112mm width	**Standard set:**	Spirolab *II*, carrying case, mouthpiece,
Mouthpieces:	30 mm external diameter		nose clamp, paper roll, user manual,
Serial output:	RS 232, optoisolated		(optional Winspiro PRO SW for PC) CE

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Specifications and contens of this document subject to change without notice

Sept. 2004

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