MEDICAL INTERNATIONAL RESEARCH

MIR

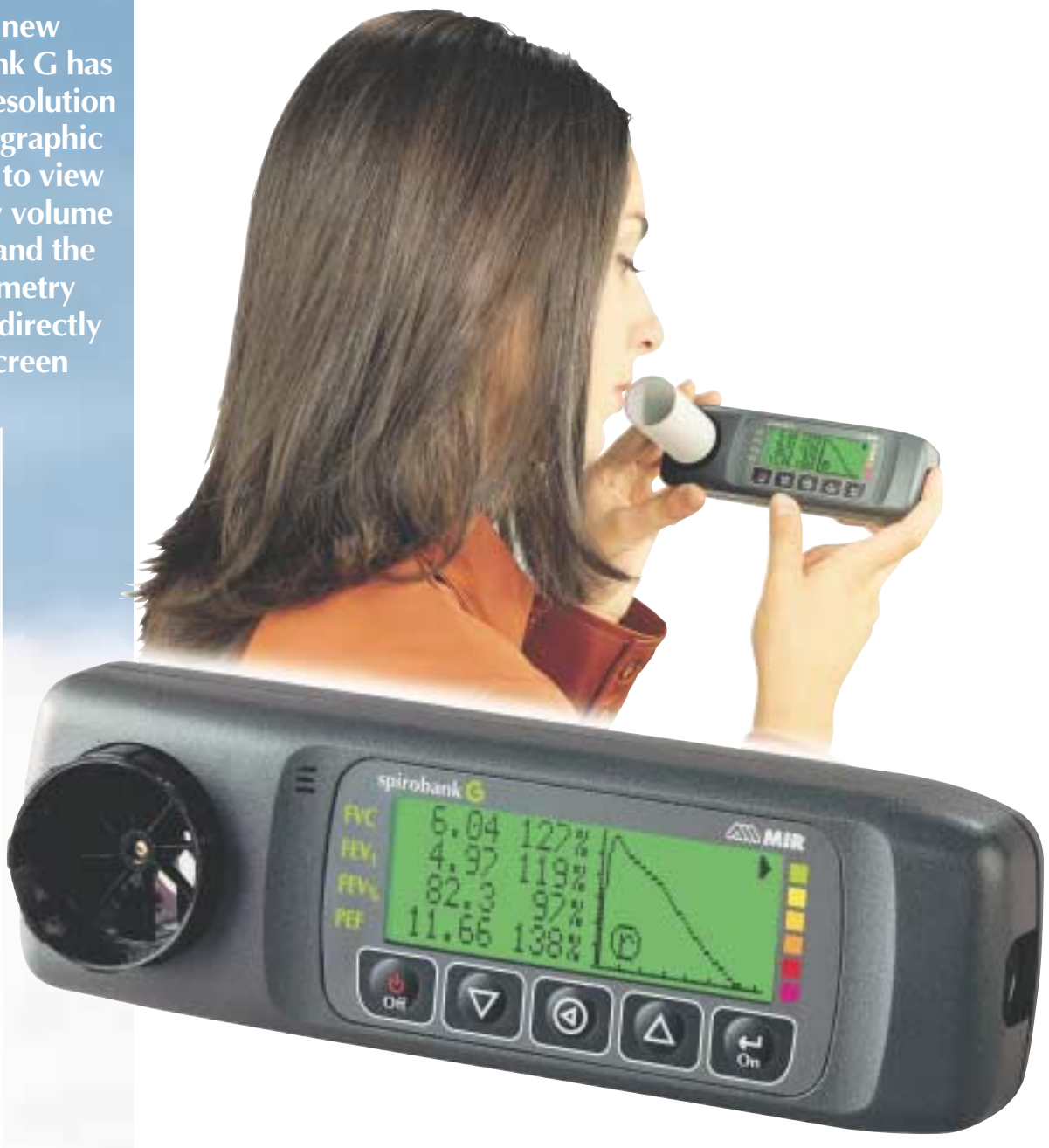
New

spirobank G

The new spirometry standard

Multifunction spirometer with graphic display

The new spirobank G has a high resolution backlit graphic display to view the flow volume curve and the spirometry results directly on-screen



Quality Spirometry	CE 0476	FDA Approved	ATS Certified	ISO 9001	EN 46001

spirobank G

Three instruments in one

Stand-alone spirometer with large memory

- **The new spirobank G** operates as a complete stand-alone spirometer with the results and Flow/Volume curve shown on the backlit graphic display.
- **FVC, VC and MVV tests**
- **26 parameters** with automatic interpretation and test quality control.
- **Up to 100 test memory** capacity.
- **Internal temperature sensor** for automatic BTPS conversion.
- **Several sets of predicted values.**
- **Multilanguage** display.

- **User-friendly** with simple icon-operation.

Direct printer connection

Stored test results can be printed by connecting the unit directly to a standard printer.

- **Printout** of full spirometry report with Flow/Volume curve, results and predicted values.
- **PRE/POST** curves with parameter comparison.

spirobank G
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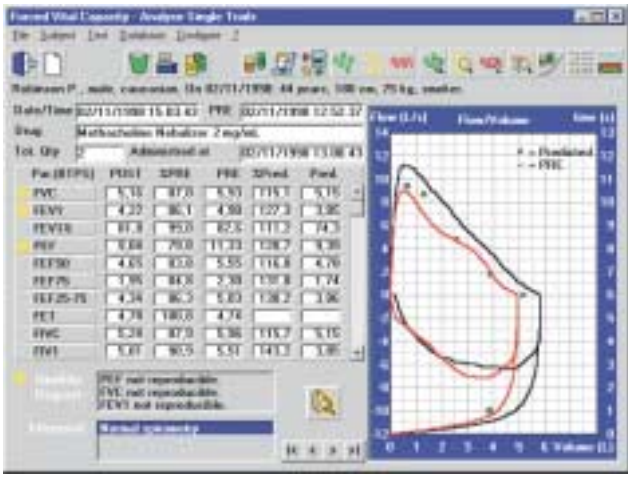
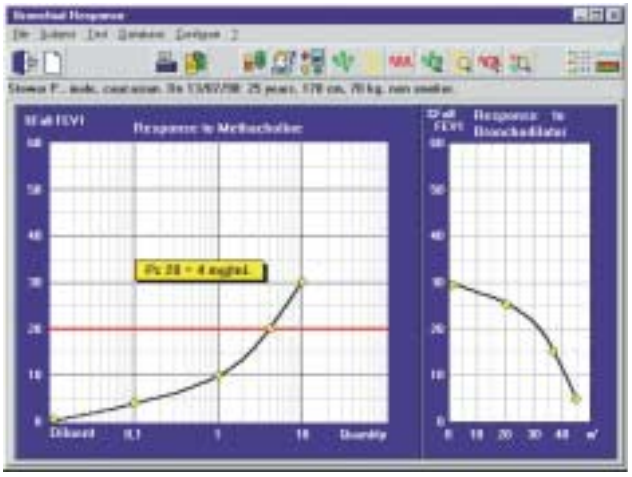
- **Upgradeable internal software** by connecting to the PC. Latest version always available at our internet site **www.spirometry.com**

Actual size

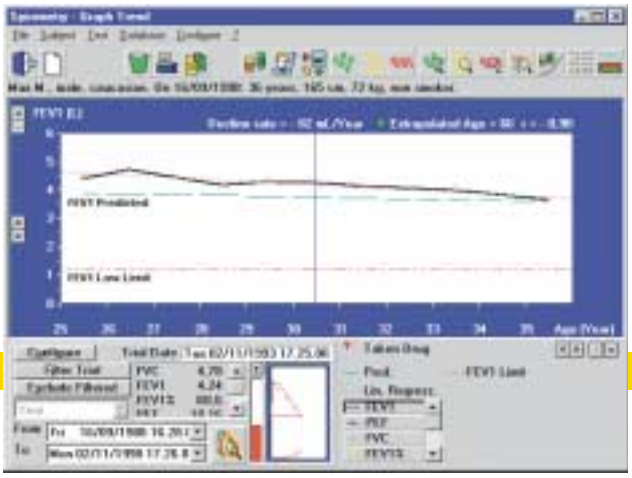
Subject information with complete clinical history



Flow/volume loops with PRE/POST drug comparison



Bronchial challenge test with dose-response curve



FEV1 decline-rate graph versus Age

Quality Spirometry

On-line PC connection

Winspiro software turns the **spirobank G** into an on-line clinical spirometer with the Flow/Volume curve shown in real time on your PC.

- **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 automatic link to office database management system.

Quality spirometry, precise measurement

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

Tested at LDS Hospital, Salt Lake City - Utah

PARAMETERS MEASURED

(* = Best value)

Forced vital capacity: FVC, FEV1, FEV1/FVC%, PEF, FEF25, FEF50, FEF75, FEF25-75, FET, Vext, *FVC, *FEV1, *PEF, FIVC, FIV1, FIV1/FIVC%, PIF

Slow vital capacity: VC, IVC, ERV, FEV1/VC%

Breathing pattern: VT, VE, Rf, ti, te, ti/ttot, VT/ti

Max voluntary ventilation: MVV

TECHNICAL SPECIFICATION

Temperature sensor: semiconductor (0-45 °C)

Flow sensor: infrared interruption

Max volume: 10 L

Flow range: ± 16 L/s

Volume accuracy: ± 3% or 50 mL, whichever is greater

Flow accuracy: ± 5% or 200 mL/s, whichever is greater

Dynamic resistance at 12L/s: <0.5 $cmH_2O/L/s$

Display: 120 x 32 pixel graphic display with backlight

Keyboard: 5 keys

Communication port: RS-232, bidirectional

Power supply: 9V DC (PP3 battery)

Dimensions: 162 x 49 x 34 mm

Weight: 180 grams (with battery)

Spirobank G: standard equipment

Spirobank G	Carrying Case	Winspiro PC software	Interface Cable	Internal Memory	Printer Converter
					 (Optional)

MIR Antibacterial/viral filters

- **MIR** offers high efficiency antibacterial/viral filters, in boxes of 50

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