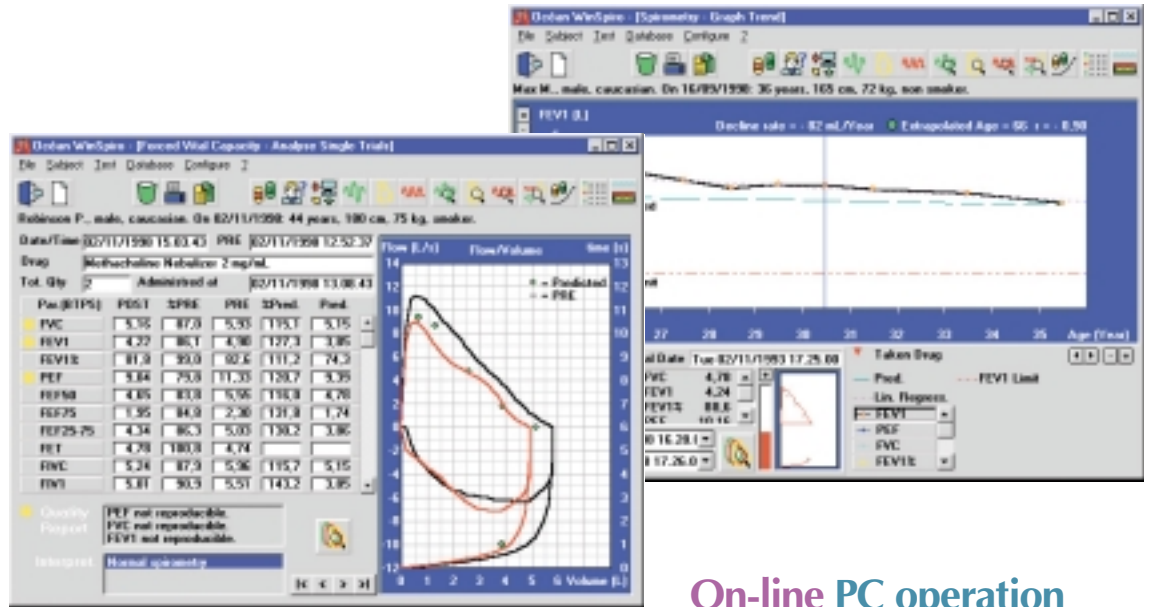




spirobank

The original multifunction spirometer

spirobank is the first and only multifunction spirometer combining 3 instruments into a single unit



On-line PC operation
Stand alone spirometry
Direct printer connection



Quality Spirometry



0476

FDA

Approved

ATS

Certified

ISO

9001

EN

46001

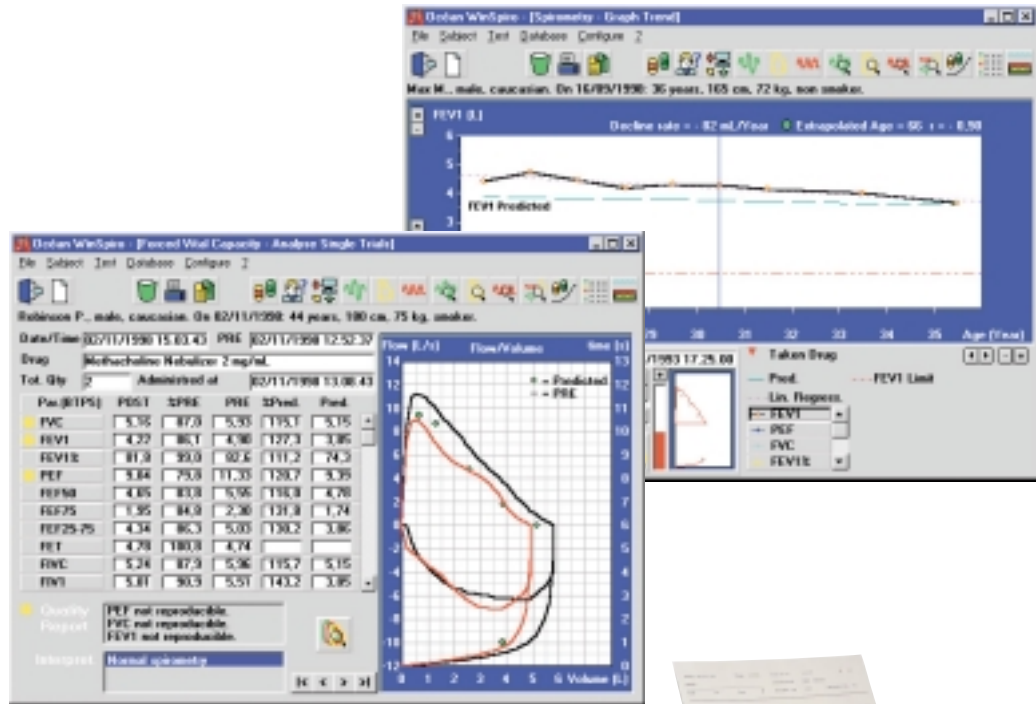


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visit us at
www.spirometry.com

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Stand-alone spirometer with large memory

- **spirobank** operates as a complete stand-alone spirometer with the results shown on the display.
- FVC, VC and MVV tests
- 26 parameters with automatic interpretation and test quality control.
- Up to 200 test memory capacity.
- Internal temperature sensor for automatic BTPS conversion.
- Several sets of predicted values.
- Multilanguage display.
- Upgradeable internal software by connecting to the PC. Latest version always available at our internet site

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.

On-line PC operation

- Winspiro software turns **spirobank** 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.
- **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*

MIR

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Technical Specifications

Temperature sensor: semiconductor (0-45 °C)
Flow sensor: infrared interruption
Flow range: ± 16 L/s - Max volume: 10 L
Flow accuracy: $\pm 5\%$ or 200 mL/s, whichever is greater
Volume accuracy: $\pm 3\%$ or 50 mL, whichever is greater
Dynamic resistance at 12L/s: <0.5 cmH₂O/L/s
Display: LCD, 16 characters, 2 lines - Keyboard: 5 keys
Communication port: RS-232, bidirectional
Power supply: 9V DC (PP3 battery)
Dimensions: 162x49x34 mm
Weight: 180 grams (with battery)

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, R_f, T_i, T_e, T_i/T_{tot}, VT/T_i
 - Max voluntary ventilation: MVV