



Accurate
Complete
Easy to use



PC Software
included

spirobankG

Our world famous spirometer 100% redesigned
for a new life with latest cutting edge technology

New
generation
with Bluetooth®



- Stand alone spirometer with PC online operation
- 6000 spirometry in memory
- High legibility graphic display
- FVC, VC, IVC, MVV, PRE-POST BD
- Advanced spirometry test interpretation
- Lung age estimation
- Direct printer connection via **Bluetooth®**
- Ready for Telemedicine applications
- Internal temperature sensor for automatic BTPS
- Upgradable internal software via internet



Quality Spirometry



0476

FDA

Approved

ATS-ERS

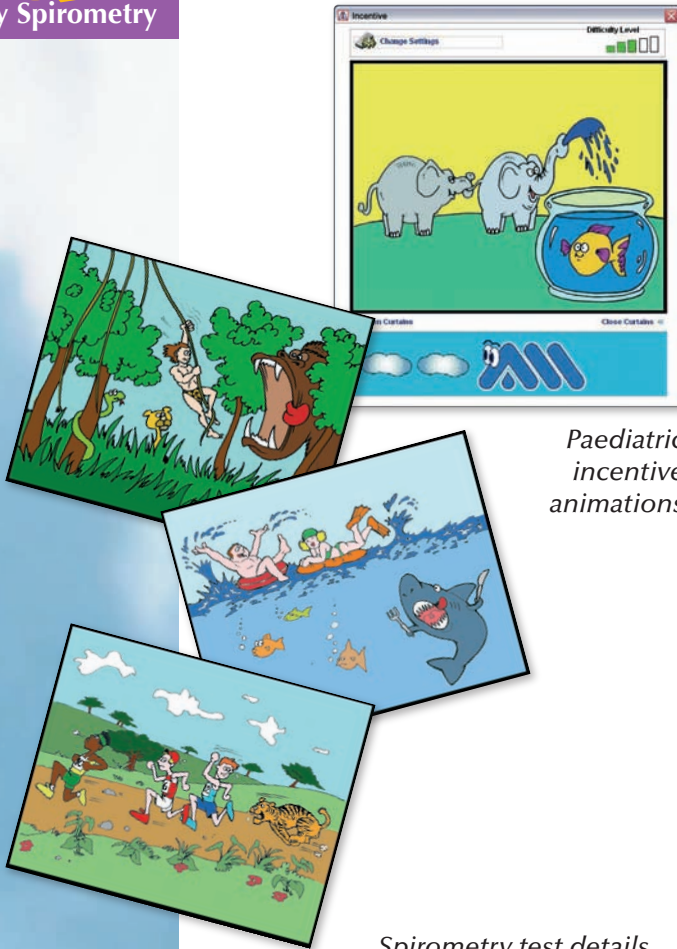
Standards

ISO

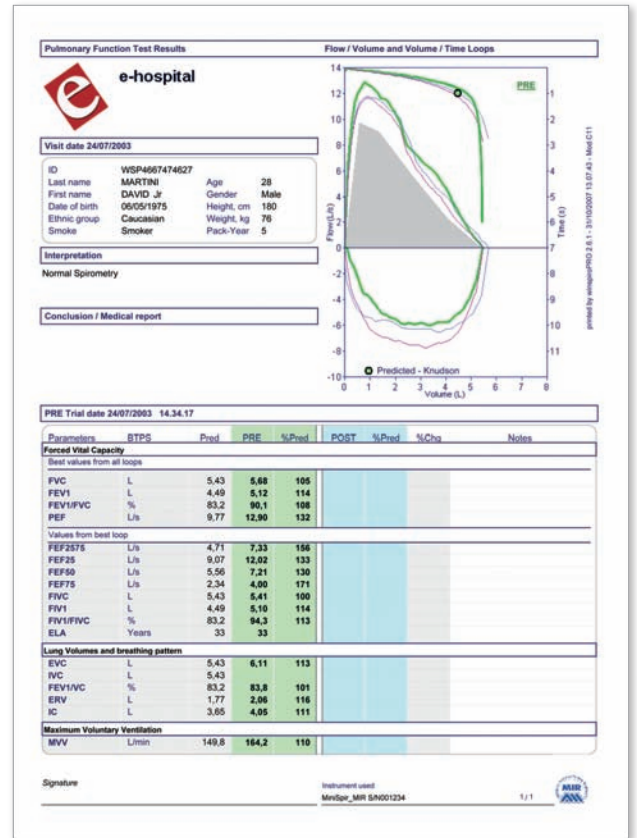
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ISO

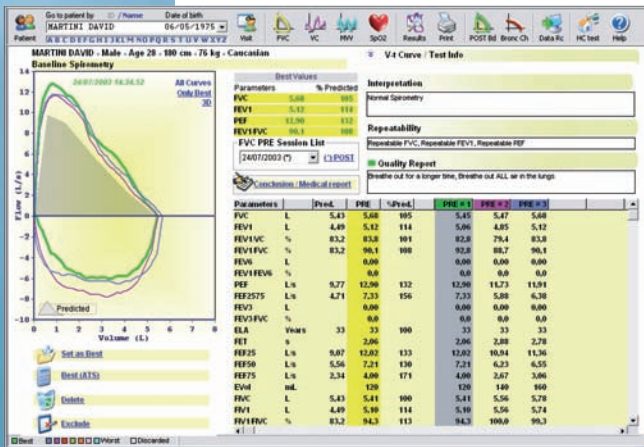
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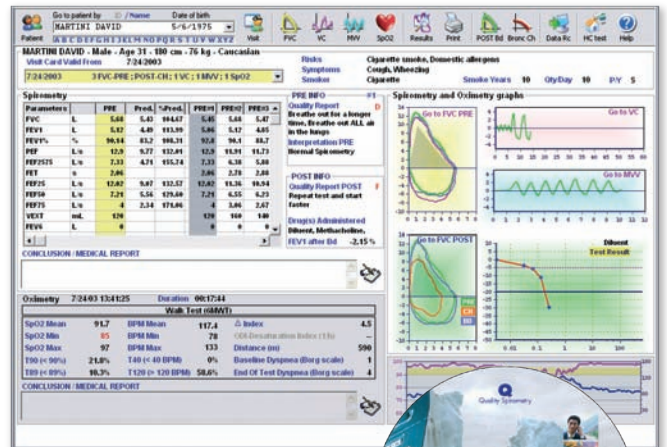
Paediatric incentive animations



Spirometry test details



Complete test summary



winspiroPRO PC Software

Used worldwide by over 50,000 physicians

- On line PC connection with icon-based interface
- Real time Flow/Volume and Volume/time curves
- PRE-POST bronchodilator comparison
- Advanced spirometry test interpretation
- Lung age estimation
- Paediatric incentive animations
- Bronchial challenge test with FEV1 dose-response curve
- Several sets of predicted values
- Data export also via e-mail
- Integration with Electronic Medical Record



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Graphic display with user friendly icons to facilitate use

actual size

Two different flowmeters available

FlowMir disposable turbine for single patient use

- High accuracy
- Easy to replace
- Very low cost
- Designed for use with MIR spirometers
- FlowMIR is factory calibrated
- Available in box of 100 pieces
- No maintenance – No filter – No problem
- Hygiene 100% guaranteed by single packaging



World's First International Patent Pending

Reusable turbine for long term operation



- High accuracy
- Long term stability
- Easy to clean or sterilize

MIR digital reusable and disposable turbines are developed in full compliance with ATS standards and guarantee accuracy in all environmental conditions



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Technical specifications

Temperature sensor: semiconductor (0-45 °C)
Flow sensor: bi-directional digital turbine
Max volume: 10 L
Flow range: ± 16 L/s
Volume accuracy: $\pm 3\%$ or 50 mL, whichever is greater
Flow accuracy: $\pm 5\%$ or 200 mL/s, whichever is greater
Dynamic resistance at 12L/s: <0.5 cmH₂O/L/s
Display: 128x48 pixel, graphic LCD - FSTN
Keyboard: 5 keys
Connectivity: USB and Bluetooth®
Power supply: 9V DC (PP3 battery)
Dimensions: 162x49x32 mm
Weight: 180 grams (with battery)

Measured parameters

FVC, FEV1, FEV1/FVC%, FEV3, FEV3/FVC%, FEV6, FEV1/FEV6%, PEF, FEF25%, FEF50%, FEF75%, FEF25-75%, FET, Vext, Lung Age, FIVC, FIV1, FIV1/FIVC%, PIF, VC, IVC, IC, ERV, FEV1/VC%, VT, VE, Rf, ti, te, ti/t-tot, VT/ti, MVV

Standard price includes

- **spirobank G** base unit
- USB cable
- Carrying bag
- Plastic noseclip
- Alkaline 9V battery
- **winspiroPRO** software CD



winspiroPRO PC system requirements

- Microsoft Windows: Vista, 2000, XP, Me, 98 (2° Ed.)
- Screen resolution: 1024 x 768
- CD-ROM drive
- Hard disk space: 160MB
- USB socket available



MIR
Via del Maggiolino, 125
00155 Roma (Italy)
tel. +39 06.22754777
fax +39 06.22754785

www.spirometry.com
mir@spirometry.com



www.spirometry.com