



MiniSpir

Portable
USB Spirometer

New option
disposable turbine



Plugs directly into the USB socket on your PC
No batteries and no other connection required
Internal temperature sensor for automatic BTPS conversion

Fast
Simple
Accurate

Available
with disposable
or reusable
digital turbine
flowmeter



Quality Spirometry



0476

FDA

Registered

ATS

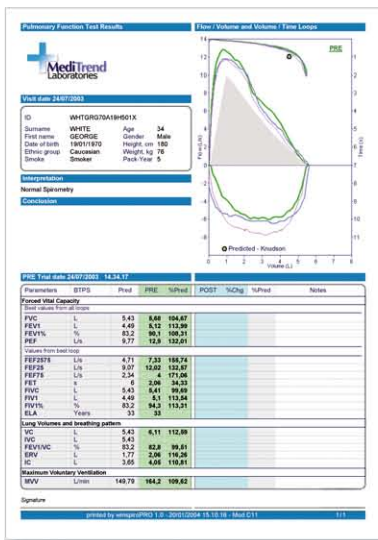
Standard

ISO

9001-2000

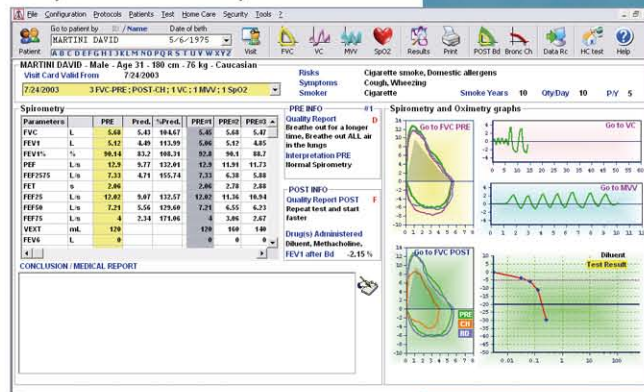
ISO

13485

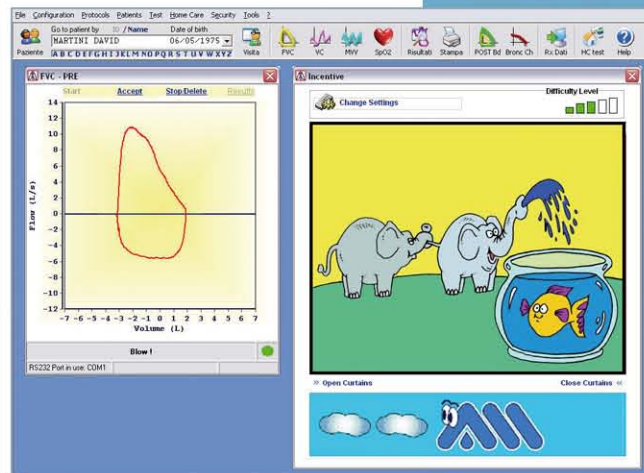


Printout with spirometry report

Screen shot with complete test summary



One of the many paediatric incentive animations



PC System requirements:
 Microsoft Windows: 2000, Me, XP, 98 (Second Edition)
 Screen resolution: 1024 x 768
 Hard disk space required: 160MB
 USB socket available

Standard price includes:
 USB cable
 Carrying case
 winspiroPRO software CD

MiniSpir: technical data

Portable USB spirometer: measured parameters
 FVC, FEV1, FEV1/FVC%, FEV6, FEV1/FEV6%, PEF, FEF25%, FEF50%, FEF75%, FEF25-75%, FET, Vext, FIVC, FIV1, FIV1/FIVC%, PIF, *FVC, *FEV1, *PEF, VC, IVC, IC, ERV, FEV1/VC%, VT, VE, Rf, ti, te, ti/t-tot, VT/ti, MVV (* Best value)

winspiroPRO PC software
 On line PC connection with simple to use icon-based interface. Flow/Volume and Volume/time curve shown in real time on PC. Lung age estimation. PRE-POST bronchodilator comparison. Bronchial challenge test with FEV1 dose-response curve. Spirometry interpretation with test quality assurance. Includes a series of user-selectable and amusing paediatric incentive animations. Powerful database facilities. Printout with complete spirometry report. Data and graphs export also via e-mail.

Technical specification
 Temperature sensor: semiconductor (0-45°C)
 Flow sensor: bi-directional digital turbine
 Flow range: ± 16 L/s
 Volume accuracy: ± 3% or 50 mL
 Flow accuracy: ± 5% or 200 mL/s
 Dynamic resistance at 12 L/s: <0.8 cmH2O/L/s
 Communication port: USB
 Power Supply: line powered from USB port
 Dimension: 52x128x26 mm
 Weight: 60 grams

