SPIROLAB III - DIAGNOSTIC SPIROMETER WITH SPO_2 OPTION

CE 0476

LCD Colour display 240x320 pixel, size 90x120 mm

Printer

Only 1.9 kg for truly portability

33522

Winspiropro software included

Quality spirometry, precise measurement
The proven MIR digital turbine flow sensor requires ***no calibration*** *and complies with ATS 24/26 waveforms.*
Certified by Dr. Crapo at LDS Hospital,Salt Lake City - Utah

• 33521 SPIROLAB III - diagnostic spirometer with high resolution colour display, built-in printer and PC WINSPIROPRO software
• 33522 SPIROLAB III same as 33521 with SpO_2 functions

PEDIATRIC INCENTIVE SYSTEM
HIGH DEFINITION LCD
DATABASE FOR 6,000 TESTS
USB+BLUETOOTH

A really complete spirometry system:
- 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
- Up to 8 blows on one screen
- Internal database for more than 6,000 complete tests
- Predicted values with several sets of authors
- Rechargeable battery plus mains power 100-240 V, 50-60 Hz
- User-friendly keyboard with dedicated function keys plus alphanumeric data entry
- Internal temperature sensor for automatic BTPS conversion
- Free upgradable internal software from web, maintaining previously stored data
- Selectable multilanguage internal software (English, Italian, French, German), possibility to download through internet Spanish, Portuguese, Turkish and other languages

Finger Oximeter (33522 only)
- Short or long term (overnight) SpO_2 and Pulse Rate measurements
- ODI, NOD, T90%, T89%, T88, T87%
- Sleep oximetry with desaturation events
- Oximetry during exercise test

• 33520 SPIROLAB II - with printer and software
• 33519 SPIROLAB II - with printer software and 10 disposable turbine. For use with disposable turbine only.
• 33410 ADULT MOUTHPIECES - Ø 3 cm ext - box of 500 pcs.
• 33492 THERMAL PAPER - 112 mm x 25 m
• 33515 SpO_2 PROBE - adult - spare
• 33516 SpO_2 PROBE - paediatric
• 33517 DISPOSABLE SpO_2 PROBE - neonatal - box of 10 pcs.
• 33525 ANTIBACTERIAL FILTER - disposable - box of 50 pcs.
• 33507 DISPOSABLE TURBINE - box of 100 pcs.

STANDARD ACCESSORIES

Carrying case	Software Winspiro PRO
Battery charger	USB port and cable
1 roll thermal paper	Nose clip

TECHNICAL SPECIFICATIONS 33521-33522

Flow/volume range:	± 16 L/s
Volume accuracy:	±3% or 50 ml
Flow accuracy:	±5% or 200 ml/s
Dynamic resistance:	<0.8 cm H_2O/l/s
Dimensions:	310 x 205 x 65 mm
Parameters:	FVC, FEV1, FEV1/FVC%, FEV3, FEV3/FVC%, FEV6, FEV1/FEV6%, PEF, FEF25-75%, FEF25%, FEF50%, FEF75%, FET, Vext, *FVC, *FEV1, *PEF, PIF, FIVC, FIV1, FIV1/FIVC%, VC, IVC, ERV, IC, FEV/VC%, VT, VE, Rf, Ti, Te, Ti/T-tot, VT/Ti, MVV *: Best value

PC System requirements: Windows 2000, ME, XP, 98 (2° edition), Vista.
Made in Italy.

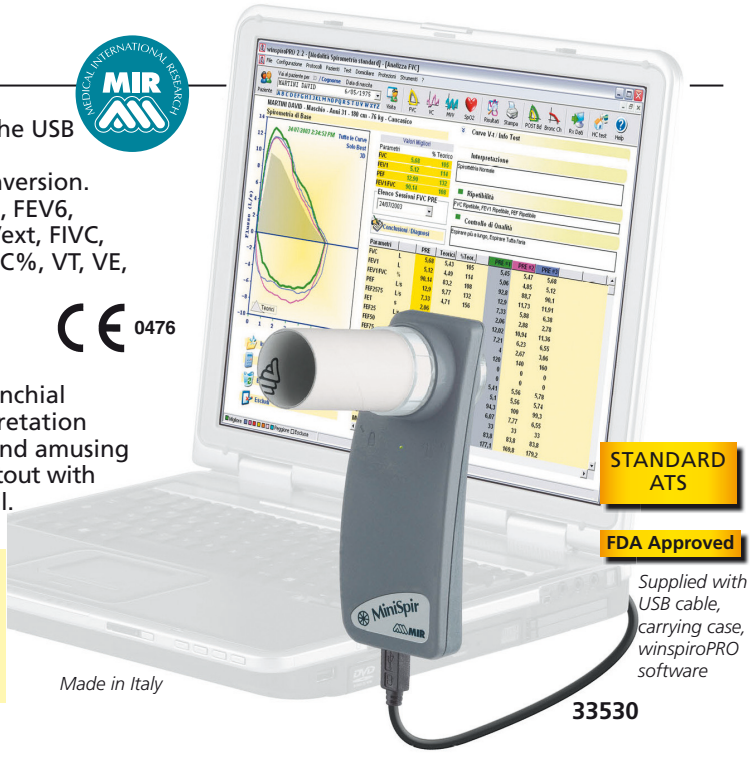
MINISPIR: PC SPIROMETER

• 33530 MINISPIR with software
PC based USB Spirometer (PC not included). Plugs directly into the USB socket of your PC, no need of batteries or other connections.
Provided of internal temperature sensor for automatic BTPS conversion.
Measured parameters: FVC, FEV1, FEV1/FVC%, FEV3, FEV3/FVC%, FEV6, FEV1/FEV6%, PEF, FEF25%, FEF50%, FEF75%, FEF25-75%, FET, Vext, FIVC, FIV1, FIV1/F1VC%, PIF,*FVC,*FEV1, *PEF, VC, IVC, IC, ERV, FEV1/VC%, VT, VE, Rf, ti, te, ti/t-tot, VT/ti, MVV best values
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 FEV1dose 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.
• 33410 ADULT MOUTHPIECES - Ø 3 cm ext - box of 500 pcs.

CE 0476

PC SYSTEM REQUIREMENTS
Microsoft Windows:
2000, ME, XP, 98 (2nd ed.) Vista
Screen resolution: 1024x768
Hard disk: 160 MB
USB socket available

TECHNICAL SPECIFICATIONS
Size: 52x128x26 mm
Weight: 70 g
Flow range: ± 16 l/s
Volume accuracy: ± 3% or 50 ml
Flow accuracy: ± 5% or 200 ml/s



STANDARD ATS
FDA Approved

Supplied with USB cable, carrying case, winspiroPRO software

Made in Italy

33530