

SPIROLAB III - DIAGNOSTIC SPIROMETER WITH SPO₂ OPTION



LCD Colour display
240x320 pixel,
size 90x120 mm

Printer

PEDIATRIC INCENTIVE SYSTEM

HIGH DEFINITION LCD

DATABASE FOR 6,000 TESTS

USB



ATS Certified

ERS Standard

Mini flowmeter

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

• 33522 SPIROLAB III same as 33521 with SpO₂

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 curve on one screen
- internal database for about 6,000 complete tests
- predicted values with various authors
- rechargeable battery plus mains power 220 V, 50-60 Hz (110V on request)
- 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 (GB, FR, IT). Possibility to order also with following internal languages: DE, ES, PL, PT, RU, CN, TR.

Finger Oximeter (33522 only)

- short or long term (overnight) SpO₂ and Pulse Rate measurements
- ODI, NOD, T90%, T89%, T88, T87%
- oximetry during exercise test

• 33410 ADULT MOUTHPIECES - Ø 3 cm ext - box of 500 pcs.

• 33492 THERMAL PAPER - 112 mm x 25 m

• 33515 SpO₂ PROBE - adult - spare

• 33516 SpO₂ PROBE - paediatric

• 33525 ANTIBACTERIAL FILTER - disposable - box of 50 pcs.

• 33507 DISPOSABLE TURBINE WITH INTEGRATED MOUTHPIECE - box of 60

• 33524 CONNECTION CABLE MINIFLOWER-SPIROLAB III

(532370) - spare

• 33523 CONNECTION CABLE MINIFLOWER-SPIROLAB and SPIROLAB II (532375) - spare

33521, 33522 Connection cable (33523-4)

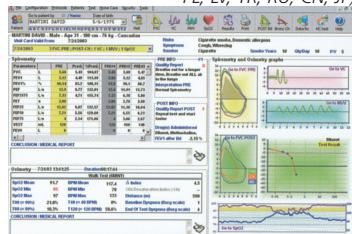
Only 1.9 kg for truly portability

WinspiroPRO software included (GB, FR, IT, DE, ES, PT, CZ, SE, NL, PL, LV, TR, RU, CN, JP)

SpO₂ probe included with 33522

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



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 ₂ O/l/s
Dimensions:	310x205x65 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, Seven, Vista, 8.
Made in Italy.	

STANDARD ACCESSORIES		
Carrying case	Software Winspiro PRO.	Nose clip
Battery charger	USB port and cable	Reusable turbine (33526)
1 roll thermal paper	CD manual: GB, FR, IT, ES, DE, PT	

SP-10 POCKET SPIROMETER



AVAILABLE WITH BLUETOOTH

33536

• 33536 SP-10 POCKET SPIROMETER

• 33535 SP-10 POCKET SPIROMETER WITH BLUETOOTH

Pocket, portable spirometer with large TFT screen to clearly display both numbers and flow charts.

Synchronously measure FVC, PEF, FEV1, FEV1%, FEF25, FEF2575, FEF75.

Support diagnosis evidence by volume and flow rate chart display. Built-in predicted values.

Built-in lithium rechargeable battery and battery power display. Supplied with USB cable for PC connection, battery charger and software to calculate data and analyse trend.

• 33410 ADULT MOUTHPIECES - Ø 3 cm ext. - box of 500 pcs

TECHNICAL SPECIFICATIONS

Max volume:	10 l
Flow range:	2 l/sec - 16 l/sec
Volume accuracy:	±3% or 50 ml whichever is greater
Flow accuracy:	±5% or 200 ml/sec whichever is greater
Parameters:	FVC, FEV1, PEF, FEV1%, FEV25, FEF2575, FEF75
Made in PRC	
CE 92/42 - EMC group I class B - protection type BF	

STANDARD ACCESSORIES	
Internal lithium battery	
USB cable	
PC software (english language)	
User manual: GB, IT, ES.	