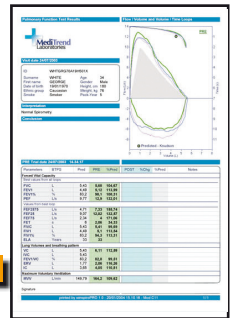


# SPIROBANK II - PORTABLE SPIROMETER WITH SPO<sub>2</sub> OPTION

- **33511 SPIROBANK II + WINSPIROPRO SOFTWARE**  
Spirometer with 6,000 spirometry test memory capacity, with possibility to insert patient name, Bluetooth® connection to HP printer
- Internal temperature sensor for automatic BTPS conversion
- High resolution/high visibility graphic display
- Patient identification by name or ID code
- Automatically records the best 3 trials
- USB cable, carrying case and software included
- **33513 SPIROBANK II + SOFTWARE + OXYMETER**  
same as above with Oximeter with 1,000 hours (40 days) oximetry recording, for measuring and saving into PC of:
- Short or long term (overnight) SpO<sub>2</sub> and Pulse Rate measurements
- ODI, NOD, T90%, T89%; T88% and T87% calculation
- Sleep apnea detection with desaturation events recording
- Walk Test (6MWT) with SpO<sub>2</sub> and Pulse Rate analysis
- 24 hours holster test
- SpO<sub>2</sub> range: 0-99%, Pulse Rate range: 30-254 BPM
- **33525 ANTIBACTERIAL FILTER - box of 50 disposable**
- **33507 DISPOSABLE TURBINE - box of 100**

- Winspiropro software functions:**
- On-line PC connection with icon interface
  - Real time Flow/Volume and Volume/time curves
  - Bronchial challenge with FEV1 dose-response
  - Paediatric incentive animations
  - Integration with EPR systems
  - Lung age estimation
  - Data and graphs export also via E-mail



**TECHNICAL SPECIFICATIONS**

Measured parameters: FVC, FEV1, FEV1/FVC%, FEV6, FEV1/FEV6%, FEV3, FEV3/FVC%, PEF, FEF25%, FEF50%, FEF75%, FEF25-75%, FET, Vext, FIVC, FIV1, FIV1/FIVC%, PIF, *FVC, *FEV1, *PEF, VC, IVC, IC, ERV, FEV1/VC%, VT, VE, Rvf, ti, te, ti/t-tot, VT/ti, MVV (* Best value) No calibration required PRE-POST bronchodilator comparison Spirometry interpretation with test quality assurance	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: <0.5 cmH <sub>2</sub> O L/s Connectivity and data transmission: USB, Bluetooth®, wireless internal modem for acoustic coupling to telephone (telemedicine applications), Power Supply: 4 x 1.5 V, AAA battery
--	---

## SPIROBANK WITH SOFTWARE



- **33510 SPIROBANK**  
Complete and rapid pocket spirometer for the General Practitioner to carry out spirometry testing anywhere.
- Turbine sensor simple to clean.
- No calibration required, can use disposable turbine.**
- Measures the most important spirometric parameters including **FVC, FEV1, FEV1%, PEF, FEF25-75, FET**
- Automatic interpretation with traffic light indication
- Best test selected and saved in memory
- Measured parameters compared to predicted values
- Provided with USB cable and simple software for data download and printing only
- Selectable display language (English, Spanish, French, German, Italian)
- SPIROBANK is supplied in a carrying bag with spare mouthpieces.
- **33410 MOUTHPIECES int. Ø 2.8 x ext. Ø 3, h 6.5 cm**
- **33507 DISPOSABLE TURBINE - box of 100**

**TECHNICAL SPECIFICATION**

Flow sensor: Turbine with infrared interruption	Flow range: + 16 l/s
Power supply: 9V DC PP3 battery	
Test duration: Maximum 60 s	
Flow accuracy: ± 5% or 200 ml/s whichever is greater	
Max volume: 10 l - Volume accuracy: ± 3% or 50 ml whichever is greater	
Made in Italy	

## SPIROBANK G WITH SOFTWARE



- **33518 SPIROBANK G + WINSPIROPRO software**
- 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® or USB
- Ready for **Telemedicine** applications
- Internal temperature sensor for automatic BTPS
- Upgradable internal software via internet
- Standard package includes USB cable, carrying bag, noseclip, battery and software.

**TECHNICAL SPECIFICATION**

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
Temperature sensor: semiconductor (0-45 °C)
Flow sensor: bi-directional digital turbine
Max volume: 10 l
Flow range: ± 16 l/s
Volume accuracy: ± 3% or 50 ml, whichever is greater
Flow accuracy: ± 5% or 200 ml/s, whichever is greater
Dynamic resistance at 12 l/s: <0.5 cm H <sub>2</sub> O/l/s
Power supply: 9V DC (PP3 battery)
Weight: 180 g (with battery)
Dimensions: 162x49x32 mm
Made in Italy
<b>WinspiroPRO PC system requirements</b>
- Microsoft Windows: Vista, 2000, XP, Me, 98 (2 <sup>e</sup> Ed.)
- Screen resolution: 1024x768
- Hard disk space: 160 MB