

spirobank™ G Spirometer



Multifunction spirometer with graphic display

The **spirobank™ G** is a handheld, multifunction spirometer with graphic display. It can be used alone or with the winspiroPRO software connected to a PC. The spirobank™ G does not require calibration and has an internal temperature sensor for automatic BTPS conversion. This unit can perform FVC, VC, and MVV tests with PRE- and POST-temperature comparisons. The spirobank™ G has a 100-test memory capacity and measures 26 different parameters. It can be connected directly to a standard parallel printer to give a full spirometry report with flow/volume loop.



Disposable Turbine – Industry First!

The world's first disposable turbine offers outstanding patient sensitivity while providing a reduction in per patient test costs. The disposable turbine reduces the chance of cross-contamination, thus ensuring each patient's safety.

PATIENT MONITORING



spirobank™ G Spirometer

- Internal temperature sensor for automatic BTPS conversion
- Several sets of predicted values
- Upgradeable internal software via internet
- On-line PC connection
- Stored test results can be printed by connecting the unit directly to a standard parallel printer
- Printout gives a full spirometry report with flow/ volume curve results, plus predicted values

winspiroPRO Software

- On-line PC connection with icon interface
- Real time Flow/Volume and Volume/Time curves
- Pre-Post bronchial challenge test
- FEV1 dose-response curves
- Lung age estimation



FVC Analysis



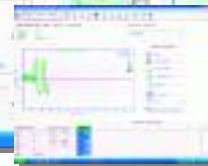
MVV Analysis



Post Analysis



SpO₂ Analysis



VC Analysis

Technical Specifications

- **Forced Vital Capacity**
FVC, FEV1, FEV1/FVC%, FEV6, FEV6%, PEF, FEF25, FEF50, FEF75, FEF25-75, FET, Vext, *FVC, *FEV1, *PEF, FIVC, FIV1, FIV1/FIVC%, PIF (* = Best Value)
- **Slow Vital Capacity**
VC, IVC, IC, ERV, FEV1/VC%
- **Max Voluntary Ventilation**
MVV
- **Temperature Sensor**
Semiconductor 32-113°F [0-45°C]
- **Flow Sensor**
Infrared interruption
- **Flow Range**
± 16 L/s
- **Volume Accuracy**
± 3% or 250 mL/s, whichever is greater
- **Flow Accuracy**
± 5% or 200 mL/s
- **Dynamic Resistance at 12 L/s**
<0.5 cm H₂O/L/s
- **Display**
120 x 32 pixel, graphic LCD
- **Keyboard**
5 keys
- **Communication Port**
RS-232, bidirectional
- **Power Supply**
9V, DC (PP3 battery)
- **Dimensions**
Length: 6.4 inches [162 mm]
Width: 1.9 inches [49 mm]
Height: 1.3 inches [34 mm]
- **Weight**
6.35 ounces [180 grams] with battery
- **Standards**
CE-0476, ATS, ISO-9001-2000, ISO-13485

Information subject to change without notice. Please read the instructions for use supplied with the product for detailed instructions, warnings and cautions. Q-Line to U.S.A. customers call 1-800-348-1842 for emergency and clinical application information 24 hours a day, 365 days a year.

For more information, please call Smiths Medical PM, Inc., at 262-542-3100 or 800-558-2345, or your Smiths Medical distributor.

Smiths Medical PM, Inc.

Patient Monitoring and Ventilation

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