Portable Spirometer

* FVC, SVC and MVV tests
* Pre & Post medication results
* Indian Predicted equations
* Internal memory for 2500 tests
* COPD severity
* Overlapped FVC graph
* Auto-Interpretation
* Result table with Predicted, Result achieved, %Predicted, %Improvement
* Full Alphanumeric keypad to enter patient and clinic information
* Detachable and easy to disinfect digital turbine transducer
* Paper-out indication
* Battery status indicators
* PC connectivity for further viewing, reporting and management of Spirometry data

**Technical Specifications**

**Spirometer**

Flow Range -10 to +16 litres / sec.

Max Volume 8 litres

Accuracy ±1% (using a standard 3L calibration syringe)

Transducer Bi-directional Turbine Cartridge

Turbine sensor Infrared interruption

Flow detection Volume differential

**Display**

Data display Graphs and measurement values

Graphics display 320 x 240 pixels; TFT colored screen

Display size 3.5”

**Printing**

Recorder Thermal printer

Size 80mm (Rolled)

Printing Labels Patient information, Clinic information

Printout format Graphs and measurement values

**Power Supply**

Line Power 220 - 240V, 50Hz + 10%

Power Supply Operation AC/DC with on / off line Battery charging

Battery  11.1V / 2600 mAh, Li-ion rechargeable

Charging Time 3 Hours

**Mechanical**

Dimensions 288 mm x 238 mm x 85 mm

Weight 1.8 Kg approx.

**PC Mode**

Communication Interface USB

Features PC Based Spirometry Test, Data download facility, Pediatric Incentives, Lung Age Calculation, Multiple Report Formats, Ethnic Correction, Unlimited storage