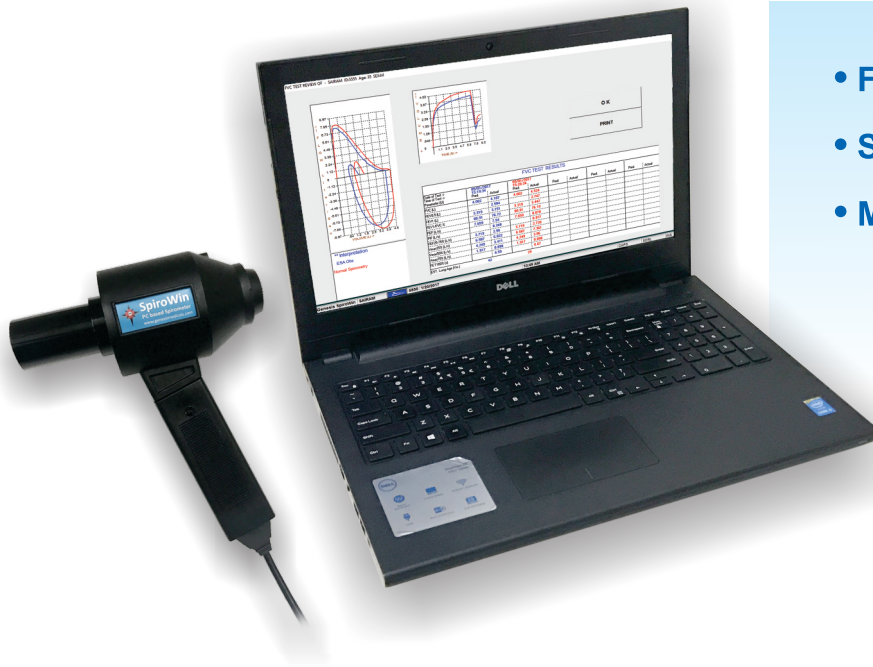




SpiroWin

PC Windows* based Pulmonary Function Testing System



- Forced Vital Capacity
- Slow Vital Capacity
- Maximum Voluntary Ventilation

SpiroWin is a Windows based Spirometer, computes 22 parameters, with Online Real time Expiration and Inspiration graphs on screen for all tests. Printouts include F/V, V/t, SVC, and MVV graphs. Extensive patient database helps to keep track of patient history and other exhaustive information. Multicolored test report on A4 size paper on any color printer. Capable of more than 1000 patients memory. All at your mouse clicks in a very user-friendly SpiroWin software.

SpiroWin has a unique feature to motivate patients to give their best exhalation. When you input the relevant patient data, the screen changes to FVC test, Instead of predicted values being displayed, a Water tank is seen. All you have to do is ask the patient to exhale such that the tank is completely filled with water, in the process of doing this you get the maximum performance out of the patient.



FEATURES

- Forced Vital Capacity
- Slow Vital Capacity
- Maximum Voluntary ventilation
- Pre, Post Medication
- Bi-Directional Digital turbine
- Onscreen display of predicted Challenge
- Automatic & Manual Selection of Best Test
- With BTPS Correction

TECHNICAL SPECIFICATIONS⁵

Sensor: Flow Sensor Bi-directional Digital Turbine
 Flow Range: ± 16 Lts./sec. BTPS
 Accuracy: $\pm 3\%$
 Volume Range: Up to 8 Lts. BTPS

MEASURED PARAMETERS

FVC, FEV0.5, FEV1, PEF, PIF, FEV1/FVC%, FEF 25%-75%, Vmax 25%, Vmax 50%, Vmax 75%, FET 100%, SVC, IRV, ERV, VE, Rf, tE, tI, VT, VT/tI, tI/t. tot, MVV.

Database

MSAccess Easy Recall of any previous test

Data Acquisition

Data storage: Raw data on HDD
 Interface: USB

Physical Characteristics

Instrument Dimensions: 130 mm x 70 mm x 25 mm
 Approximate Instrument Weight: 0.25kg

Minimum PC Requirements

OS : Windows* 7 / 8 / 10
 CPU : Celeron* 1.8 GHZ / i3 / i5 or better processor
 HDD : 500GB
 RAM : 2GB
 Printer : Any Windows* Compatible Inkjet / Laser Jet Printer

ENVIRONMENT REQUIREMENTS

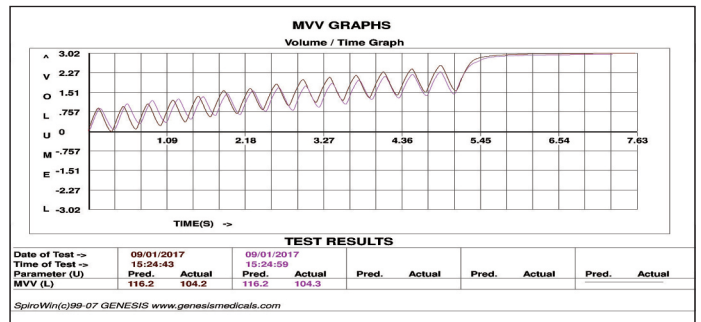
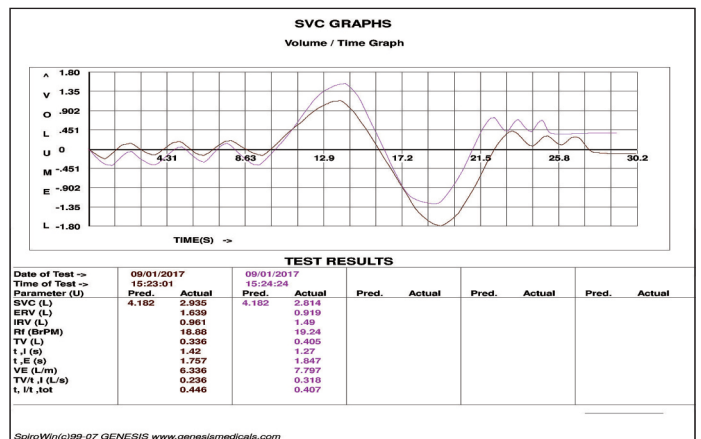
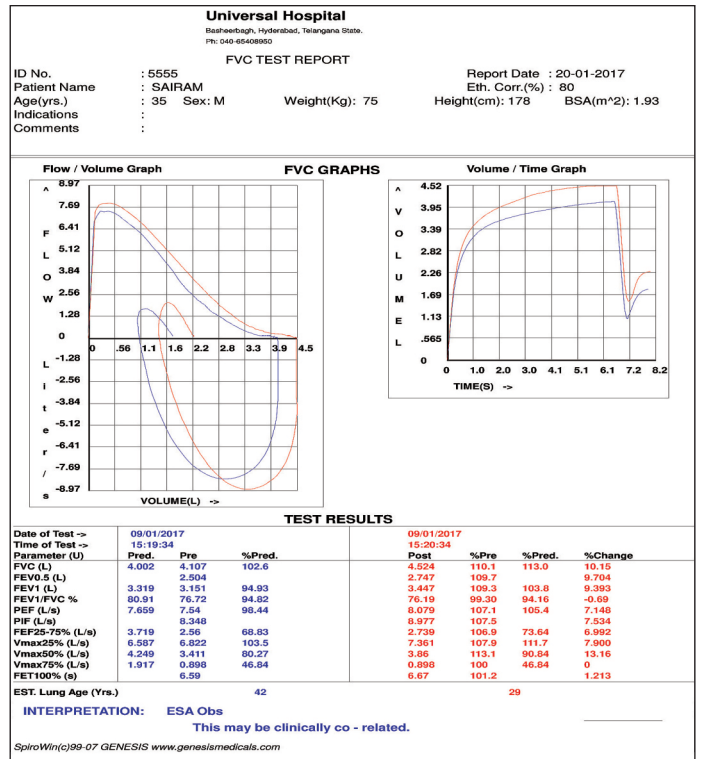
Operating and storage Temp. 15°C to 45°C
 Ambient Relative Humidity 15% to 90%, non- condensing
 Operating and storage Pressure/Altitude 523 mm Hg to 760 mm Hg

\$ Specifications are subject to change without prior notice

* Laptop optional

* All regd. Trademarks are acknowledged to their respective owners.

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Since R&D is a continuous process, features & specifications are subject to change without notice.

Certifications



EN ISO 13485:2016

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