SPIROEXCEL

PC based Pulmonary Function Test

Directly connect to USB port, no external power supply required

Spiro Excel

MEDICAID

digital turbine

Features

— Digital Spirometer with automatic Interpretation

— Easily sterilizable pneumotach

— Simple and Troublefree Technology

— Accurate and Precise

— Windows® based user friendly software

— Real time display of flow-volume loops

— Incentive screens for better efforts

— User's configurable 2 nos. prediction tables

— Pediatric Encouragement software

— Automatic BTPS Correction

— Multiple report formats with colour printout

— Unlimited test result storage and retrieval

— Report can be sent via e-mail

MEDICAID

Technical Specification

- Flow Measurement : Bi-directional digital turbine
- Volume Measurement : Flow Integration
- Flow Range : 0.03-20 l/s
- Volume Range : 0-12 liters (BTPS)
- Flow Accuracy : ± 2%
- Volume Accuracy : ± 2%
- Graph Scale : Meets ATs standards for graph
- Power Source : 5V from computer through USB port.

- Interface : USB
- Patients Incentive Screen : Provided
- Printer : PC Compatible
- Storage : On hard disk drive
- Interpretation : Automatic
- Weight : 100g.
- Temperature : 0-50°c
- Dimension : 165x50x25mm

Prediction Table

Indian, ECCS, Knudson 83, Zapletal, Barcelona, ATS94, LAM, ITS White, ITS Black, LLN, user defined predicted calculations

Test Performed

Forced Vital Capacity (FVC), Slow Vital Capacity (SVC), Maximum Voluntary Ventilation (MVV), Respiratory Pattern, Broncho-challenge tests.
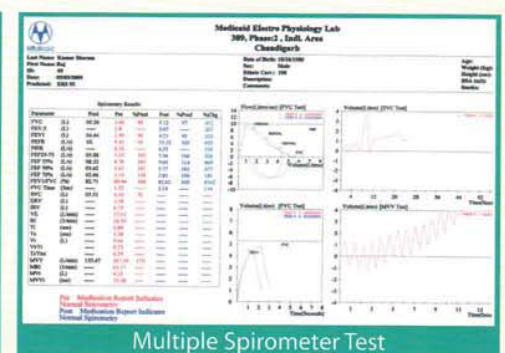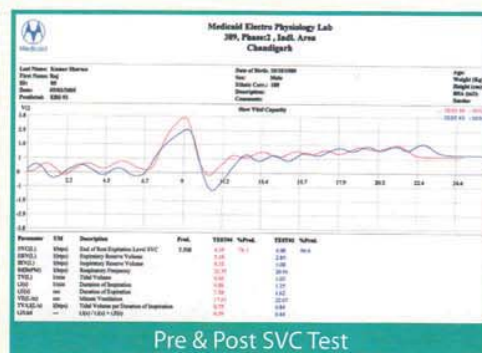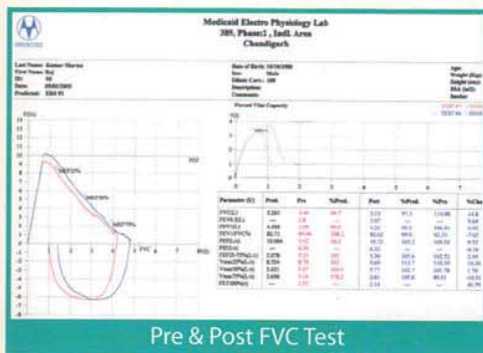
Measured Parameters

· FVC · FEV.5 · FEV 1 · FEV 3 · FEV1/FVC · FEV3/FVC · FEF 25-75 · PEF · FEF-25 · FEF-50 · FEF75 · SVC · ERV · IRV · TV · RR · PEFT · FMFT · FIV-1 · FIV1/FIVC · PIF · MVV

Standard Accessories
Standard Accessories

- Spiroexcel Software CD : 01
- Operating Manual : 01
- Digital Turbine : 01
- USB Cable : 01
- Nose Clips : 02

- Carrying case : 01
- Adapter for Pediatric mouthpieces : 01
- Adult mouthpieces : 10
- Pediatric mouthpieces : 10

System Compatible Computer Hardware

Pentium-III, 128 MB RAM, 1.44 MB FDD, 40 GB HDD, CD-ROM, Keyboard, Mouse, USB Port, Colour Moniter 15",
OPERATING SYSTEM : Window 98/ME/2000/XP. PRINTER : Any Inkjet Colour Printer supporting windows.

Pre & Post FVC Test

Pre & Post SVC Test

Multiple Spirometer Test