

Pulmonary Function Test (PFT) Machines

CE-Certified Systems for Accurate Lung Diagnostics

We provide reliable Pulmonary Function Test (PFT) machines trusted by hospitals and clinics across India. Our range includes both advanced PC-based systems and portable handheld devices, designed for accurate diagnosis, easy operation, and long-term reliability.

Comparison of Models

Features	Spiroexcell (PC-Based)	Spiromax (Portable)
Type	PC-based PFT system with software	Handheld portable spirometer
Operation	Works with computer, software integrated	Standalone device with built-in display
Key Features	Automatic interpretation, Pediatric incentive, Digital turbine flowmeter	Compact, lightweight, Built-in thermal printer
Power Supply	Mains + USB powered	Rechargeable battery & mains
Data Storage	200+ patient data, export to PC	Limited storage, prints directly
Display	High-resolution TFT color screen (via PC)	Built-in LCD screen
Use Case	Hospitals, Research & Teaching institutes	Clinics, Outdoor/ICU use, Field screening

📄 For detailed brochure & specifications, contact us: rsenterprises227@gmail.com | +91 9832362661

SPIROEXCEL

PC based Pulmonary Function Test

Directly connect to USB port, no external power supply required



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

An **ISO** 9001 : 2000 Company

Technical Specification

Flow Measurement	: Bi-directional digital turbine	Interface	: USB
Volume Measurement	: Flow Integration	Patients Incentive Screen	: Provided
Flow Range	: 0.03-20 l/s	Printer	: PC Compatible
Volume Range	: 0-12 liters (BTPS)	Storage	: On hard disk drive
Flow Accuracy	: $\pm 2\%$	Interpretation	: Automatic
Volume Accuracy	: $\pm 2\%$	Weight	: 100g.
Graph Scale	: Meets ATs standards for graph	Temperature	: 0-50°C
Power Source	: 5V from computer through USB port.	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

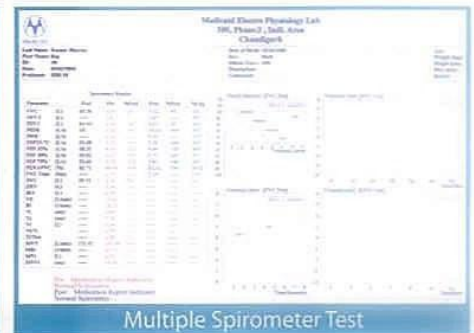
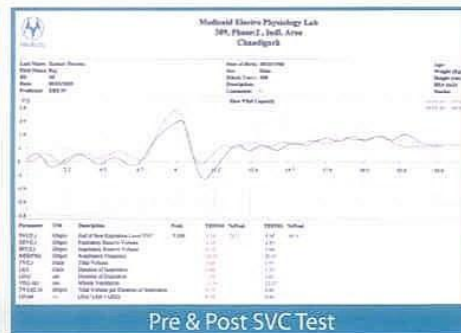
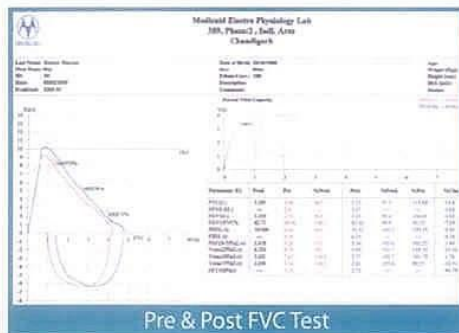
• FVC • FEV.5 • FEV 1 • FEV 3 • FEV1/FVC • FEV3/FVC • FEF 25-75 • PEF • FEF-25 • FEF-50 • FEF75 • SVC • ERV • IRV • TV • RR • PEFT • FMFT • FIV-1 • FIV1/FIVC • PIF • MVV

Standard Accessories

Spiroexcel Software CD	:01	Carrying case	:01
Operating Manual	:01	Adapter for Pediatric mouthpieces	:01
Digital Turbine	:01	Adult mouthpieces	:10
USB Cable	:01	Pediatric mouthpieces	:10
Nose Clips	:02		

System Compatible Computer Hardware

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



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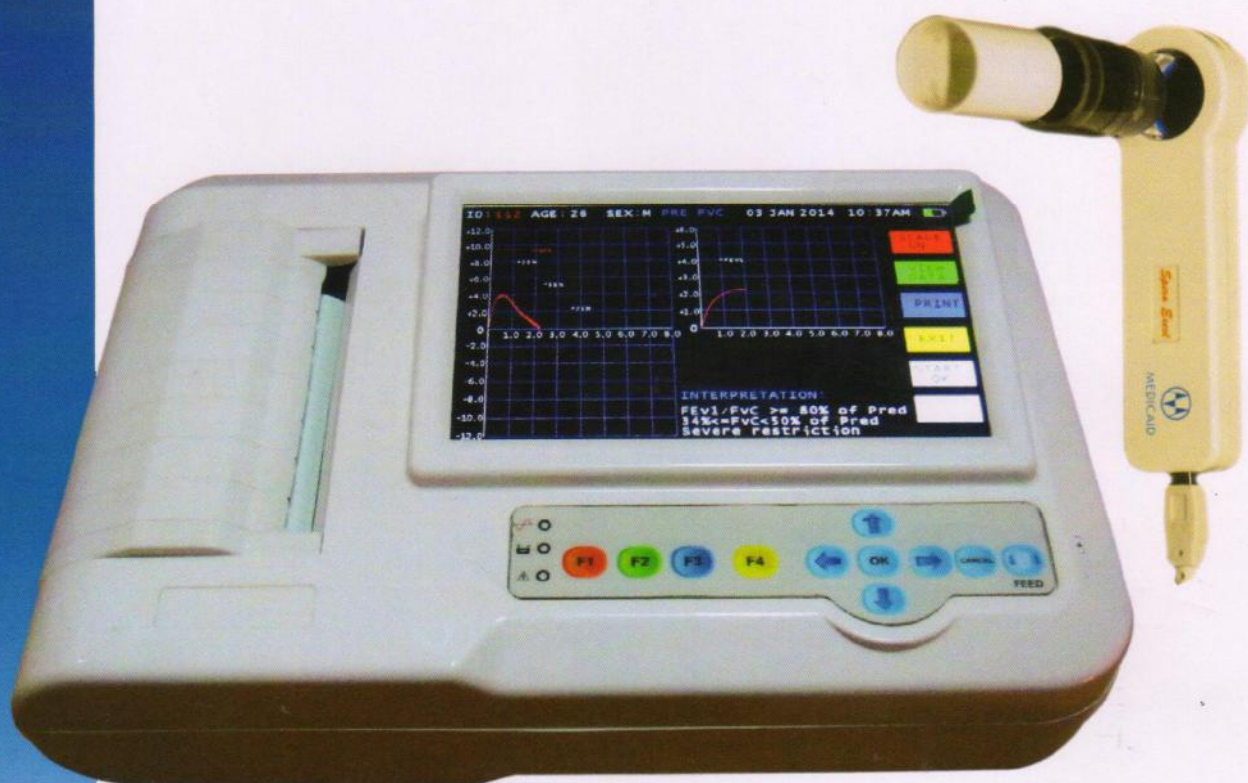
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Medicaid Systems



NEW GENERATION **Spiromax** Portable Spirometer



Features

- High Resolution colour TFT Screen
- Built in Thermal Array Printer
- Digital turbine flow meter with high accuracy.
- FVC, SVC and MVV test
- Storage for 200 patient data
- Mains & Battery operations
- Facility to Transfer data to PC through USB



Quality Spirometer

CE

1023

ISO

13485

Spiromax Portable Spirometer



Technical Specification

- Power supply : Rechargeable battery & mains power
- Temperature : 0-50°C
- 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 : $\pm 2\%$
- Volume Accuracy : $\pm 2\%$
- Interface : USB
- Display : 140 x 80 mm
- Printer/Paper : Thermal, 112 mm width
- Dimensions : 165x150x40 mm
- Weight : 750 gms

Standard Accessories

Digital Turbine	:	01
USB Cable	:	01
Adult mouthpieces	:	10
Adapter for Pediatric mouthpieces	:	01
Pediatric mouthpieces	:	10
Nose Clips	:	02
Operating Manual	:	01
Carrying Case	:	01

Prediction Table

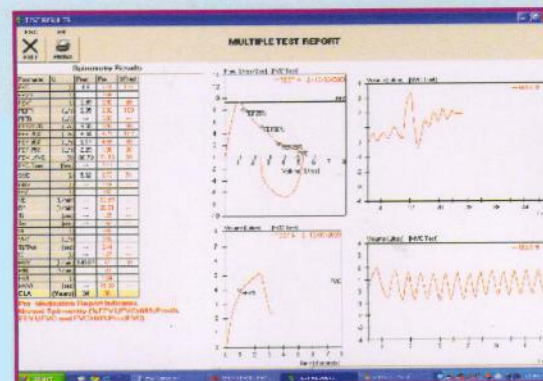
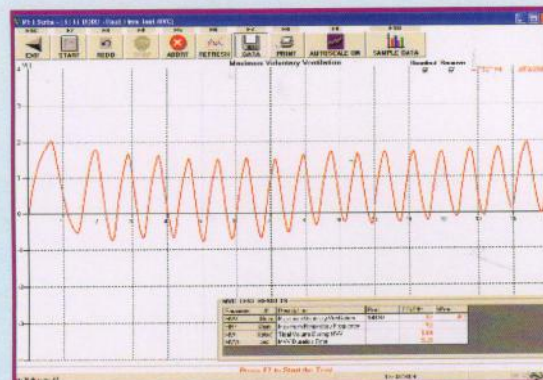
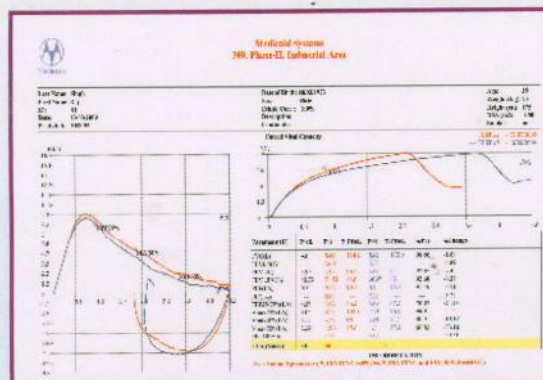
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Measured Parameters

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



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