

TECHNICAL SPECIFICATIONS

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 diskdrive
Interpretation	:	Automatic
Weight	:	100g.
Temperature	:	0-50°c
Dimension	:	165x50x25mm

Prediction Table

Indian, ECCS, Knudson 83, Zapletal, Barcelona, AT94, 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

MStandard 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