



BioBT



Lungs Screening Spirometer

Portable & PC -Based
Accurate & Easy-to-Use



DIGITAL HEALTH
ANYTIME
ANYWHERE

9216955612

www.biobt.in

SpiroBT

Precision in Pulmonary Diagnostics

Features

SpiroBT is a state-of-the-art spirometer designed to deliver precise lung capacity measurements for diagnosing COPD, asthma, and other respiratory conditions.

Measures Forced Vital Capacity (FVC), Slow Vital Capacity (SVC), and Maximum Voluntary Ventilation (MVV).

- Bluetooth & USB connectivity for seamless data transfer.
- Compliance: Meets IEC 60601-1 and ISO 26782 standards.
- Compact and portable design for clinic use.
- User-friendly software: Windows-based
- Real-time graph visualization and comprehensive analysis.
- PDF and printing options for easy reporting.
- Pre and Post graph in all Tests
- Quick and reliable test results.
- Minimal training required for operation.
- Cost-effective solution for pulmonary diagnostics.



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

Measured Parameters

Forced Vital Capacity:

FVC	FEV3	FEV.5/FVC%	FIF50%	FIV.5
FEV1	PIFR	FEV3/FVC%	FIF75%	FIV1
FEV1/FVC%	FEF75-85	FET	FEV.75	FIV3
FEF25-75	FEF.2-1.2	Exp Time	FEV1/FEV6	FIV.5/FIVC
PEFR	FEF25%	Lung Age	FEV.75/FVC	FIV1/FIVC
FIVC	FEF50%	FEV6	FEV6/FVC	FIV3/FIVC
FEV.5	FEF75%	FIF25%	FEV.75/FEV6	

Slow Vital Capacity:

SVC,	VE,	Te,	Ti/Ttot,
ERV,	Rf,	VT,	IC
IRV,	Ti,	VT/Ti,	

Maximum Voluntary Ventilation:

MVV,	MVT,	ET/IT
MRf,	ET,	IT,

Since R&D is a continuous process, to make changes in product features, specifications, aesthetics and/or to discontinue the same at any time without notice or obligation

Manufactured by:

IEC 60601-1-2:2014

BioBT Pvt. Ltd.

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Hardware & Accessories

Component	Quantity
Hand Set	01
Turbine Transducer	01
Software CD	01
USB Cable	01
Reusable Mouth Pieces	01
Adult Nose Clip	01
User Manual	01

Optional

Disposable Mouth Pieces, PC / Laptop, DeskJet / LaserJet Printer,

Predicted Equations

Dr. S.K. Chhabra ERS 93, ITS Black, ITS White, Knudson 83, BARCELONA, LAM and Indian Predicated Equations



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