

UBREATH®

Spirometer System

Model PF680



UBREATH® PRO Spirometer System (Model No. PF680) is a bench-top spirometer designed for professionals that could meet most of PFTs' needs and give results both on spot and HIS/LIS connection for the maximum patient satisfaction.

- + Reliable quality and high precision
- + All-in-one portable design
- + Real time graphic visualization
- + Cross-contamination prevention
- + Comprehensive quality control

UBREATH®

Measurable Spirometry through Inhale & Exhale

- ✦ FVC, SVC, MVV are available with 22 parameters to be calculated
- ✦ Accuracy comply with ATS/ERS task force standardization

Real-time Graphic Curve Experience

- ✦ Synchronized graphs enhance users to achieve satisfied results with professional's guidance
- ✦ Displayed three waveform parameters and remark the best performance for reference

Exclusively Disposable Pneumotach

- ✦ Patented disposable Pneumotach gives NO authority to cross-contamination

All-in-One Service Station

- ✦ Support calibration and linearity verification
- ✦ Built-in printer and barcode scanner are combined in one device
- ✦ LIS/HIS connection via Wi-Fi and HL7

- 1 Oval mouthpiece helps to stable airflow expiration
- 2 Patented flow-sensor design
- 3 Built-in thermal printer
- 4 Synchronized dual display in graphic and digitalization
- 5 Barcode reader identifies patients' information
- 6 Available for FVC, VC and MVV testing



Technical Specifications

Product	UBREATH® Pro Spirometer System
Model No.	PF 680
Catalog	PF6801101
Parameter	FVC: FVC, FEV1, FEV1%, PEF, FEF25, FEF50, FEF75 VC: VC, VT, IRV, ERV, IC MVV: MVV, VT, RR
Flow detection principle	Pneumotachograph
Volume range	FVC: 0.5 - 8 L PEF: 0 - 14 L/s
Performance standard	ATS/ERS 2005 & ISO 26782: 2009
Volume measurement	digital integration
Volume accuracy	± 3% or ± 0.050 L (take the largest value)
Power supply input	100 - 240 V AC, 50/60 Hz, 0.3 A
Power source	3.7 V lithium battery(rechargeable)
Printer	Built-in thermal printer
Operating temperature	10 °C - 40 °C
Operating relative humidity	≤ 80%
Meter size(L x W x H)	Spirometer: 206 mm x 82 mm x 68 mm Sensor Handle: 82 mm x 59 mm x 33 mm Flow Transducer: 138 mm x 30 mm x 45 mm
Data transmission	Wi-Fi/HL7



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