

UBREATH®



Spirometer System

Model PF280



UBREATH® Spirometer System (Model No. PF280) is a high quality, easy to use, portable spirometer that delivers an ideal combination of portability, accuracy and safety. And it also help doctor analyze the pulmonary data through V-T/F-V curve and digital indicator which is suitable for the primary care, point of care, patients self-monitoring.

- + Hand-held Design and Easy Operation
- + Reliable Accuracy
- + Operate with Safety
- + Colored Range Indicator

UBREATH®

Accurate Result

- ✦ The accuracy and repeatability comply with ISO 26782:2009
- ✦ The flow sensitivity surpasses ATS/ERS requirement reach 0.025 L/s for COPD screening

Dependable Performance

- ✦ Shows the flow-volume and flow-time curve after testing
- ✦ Automated determining zero-point state free from environment impacted and free of daily quality control
- ✦ Disposable flow transducer design prevent cross-contamination

Friendly Use

- ✦ The graphic curve and digital indicators simultaneously displayed allows quick results assessment
- ✦ Intelligent voice indicator to instruct patient step by step and store 495 patient data records
- ✦ External printer or PC software can be accessed through Bluetooth communication
- ✦ Traffic light range indicator allows quick assessment for better visual clarity

- 1 Disposable transducer design to prevent cross-contamination
- 2 Oval mouthpiece helps to stable airflow expiration
- 3 Automated calibration and non-daily quality control required



Technical Specifications

Product	UBREATH® Spirometer System
Model No.	PF 280
Catalog No.	PF2801101
Parameter	PEF, FVC, FEV1, FEF50, FEF75, FEV1/FVC
Flow detection principle	Pneumotachograph
Volume range	FVC: 0.5-8 L PFE: 0-14 L/s
Performance standard	ATS/ERS 2005 & ISO 26782:2009
Volume measurement	Digital integration
Volume accuracy	±3% or ±0.050 L
Power supply input	100-240V AC, 50/60 Hz, 0.3A
Power source	3.7 V lithium battery(rechargeable)
Printer	External bluetooth printer
Memory	495 records
Operating temperature	10 °C ~40 °C
Operating relative Humidity	≤ 80%
Meter size(L*W*H)	Spirometer: 133x76x39 mm Flow Transducer: 136x30x41 mm
Data transmission	Bluetooth