



Accurate and Hygienic Spirometer

SpiroCare

- * Convenient A4 size print-outs allow for easy chart filing
- * Grid function allows you to use low cost plain fax paper
- * Wide and clear color TFT LCD
- * Touch screen for easy operation
- * Pre- and Post-bronchodilator comparison
- * Rotary key access to all menus
- * Disposable mouthpiece with patented sensing method eliminates the hassle of cleaning

■ Breathing protocol

- FVC (Forced Vital Capacity)
- SVC (Slow Vital Capacity)
- MVV (Maximum Voluntary Ventilation)

■ Various formulas

Morris-Polgar, ECCS-Quanjer, Kundson-ITS

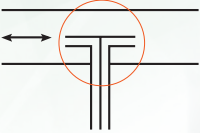
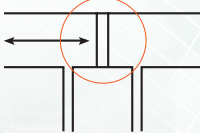

■ Memory for up to 200 tests

■ USB barcode scanner & USB memory storage

■ PC compatible through LAN and WiFi

■ Multi-language (English, Russian, French, German, Italian, Chinese, Spanish, Turkish, Polish, Romanian, Portuguese) available



	Bernoulli's Law	Pneumotachometer	Turbine
Structure			
Medium	SmarTube™	Screen	Propeller or turbine
Accuracy	Error ratio < 1% (equal air density)	Error ratio < 5% (air friction)	Error ratio < 20% (inertia problem)
	No air friction No cleaning or sterilization	High probability of infection because of remain saliva or bacteria.	High probability of infection because of remain saliva or bacteria and low accuracy.

SPECIFICATIONS

Dimension	296 (W) x 305.5 (H) x 34 (D) mm, approx. 250kg
Measuring Values	FVC: FVC, FEV 1.0, FEV 1/FVC, FEF 0.2-1.2L, FEF 25-75%, FEF 75-85%, PEF, FEF 25%, FEF 50%, FEF 75%, FIVC, FEV6, PEFT, FET100% Extrapolated Volume SVC: SVC, ERV, IRV, TV, EC MVV: MVV, FB, TV
Presentation	Flow volume loop Flow time plot Measurement values table
Measuring range	Flow: 0 to ± 14 L/s Volume: 0 to ± 12 L
Measuring method	Differential pressure method
Prediction equation	Morris-Polgar, ECCS-Quanjer, Knudson-ITS, Pereira, Korea CJK
Sample rate	200 samples/sec
Flow impedance	< 0.2 mbar s/l at 12 l/s
Measuring accuracy	Complies with ATS (American Thoracic Society)
Environment	Ambient temperature: 15 to 40 °C (59 to 104 ° F) Relative humidity: 10 to 90% (non-condensing) Atmospheric pressure: 700 to 1060 hPa
Standard accessory	Disposable mouthpiece 20 ea. Nose clip 1 ea. Adapter 1ea. Handle dock 1 ea. Operation manual 1 ea. Diagnosis guide 1 ea. Power cord 1 ea.

*Specifications can be changed without prior notification.