

Sensaire Spirometer

Easy-to-use, portable spirometer with seamless PC printing

Spirometry

Whether you need spirometry tests performed in your office or at a patient's home, the Sensaire™ offers complete mobility for the healthcare practitioner on the go. The user-friendly touch screen allows easy navigation, while Sensaire's rechargeable battery provides enough power to last through the busiest of days.

Touch Screen Makes it Easy to Use

The Sensaire is a full-function spirometer with a touch screen and real-time graphic display. The user-friendly touchscreen with alpha-numeric character entry provides easy navigation and patient testing. Sensaire performs full lung function testing, complete with real-time graphs and interpretation.



So Small and Lightweight it Fits in Your Pocket

Weighing in at less than 13 ounces, Sensaire fits easily in a lab coat pocket and performs a day's worth of testing with its replaceable, rechargeable battery pack.

Sensaire's innovative mouthpieces are precalibrated and disposable, eliminating the time-consuming calibration and sterilization process. To prevent cross contamination, Sensaire software permits them to be used by just one patient. Enjoy blow and throw convenience with environmentally friendly mouthpieces.

Use as a Standalone Device or Interface to a Computer System

When testing is complete, the Sensaire unit is docked into a small base station, which functions as a battery charger or PC connector. A serial cable can be attached to either the Sensaire unit or the base station for connection to a PC. Sensaire PC print software, generates a variety of reports that can be stored on a PC or sent to an electronic medical records system.

Warranty and Service Offerings Protect Your Investment

With comprehensive warranty and service offerings, your investment is protected from unforeseen service costs. Our toll-free technical support is available to answer questions. Contact your representative to select a program that meets your needs.

Features

- Full functioning ATS compliant spirometer that weighs less than 13 ounces
- User friendly touch screen provides quick navigation and easy interpretation
- Base station allows easy battery recharging and data transfer
- Print reports directly from the unit or by using a computer



View test results directly on the Sensaire unit, then print directly to a printer or archive on your PC.

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ORDERING INFORMATION

92524-01	Sensaire spirometer, English language version
010-1604-00	Sensaire mouthpieces (Box of 100)
010-1616-00	Sensaire stylus (Box of 10)
010-1600-00	Sensaire rechargeable battery pack

TECHNICAL SPECIFICATIONS	
Dimensions	Spirometer: 7" x 3 1/4" x 1 5/8" (178 mm x 83 mm x 41 mm) Base Station: 5" x 4 3/8" x 2 3/8" (127 mm x 111 mm x 60 mm)
Weight	Spirometer: 12.7 oz Base Station: 6.2 oz
Range	FLOW: +/- 14 liters/second
Volume	0 – 8 liters BTPS
Accuracy	Comply with American Thoracic Society Standards for Spirometry,1994 Update Flow: +/- 5% of indication or 200 ml/sec, whichever is greater for FEF 25 – 75, and +/- 10% or 400 ml/sec whichever is greater for PEF Volume: +/- 3% or 50 ml, whichever is greater for FVC and FEV1
Parameters measured	FVC, FEV0.5, FEV1,FEV1/FVC, FEV3, FEV3/FVC, PEFr, FEF25%, FEF50%, FEF75%, FEF25-75%, FIVC, FIV0.5, FIV1, FIV1/FIVC, FIV3, FIV3/FIVC, PIFR, FIF50%,FIF 25-75%, FIF.2-1.2, FVC/FIVC, PIFR, Ext.Vol., MVV, RR, MTV, SVC, FEV6, FEV1/FEV6
BTPS conditions	Comply with American Thoracic Society Standards for Spirometry,1994 Update
Tests performed	FVC, pre/post testing, flow volume loop, MVV, SVC
Predicted normals	Crapo/Cherniack/Morris/Knudson 1983 Polgar/Hsu/Roberts/Warwick/ECCS
Environmental elevation corrections	(0 to 15,000 feet) Elevation and relative barometric pressure Absolute barometric pressure
Calibration	ATS 3-speed or standard calibration check
Measuring time	FVC, up to 30 seconds
Printed scale	Flow-Volume: Meets ATS requirements for graphs Volume-Time: Meets ATS requirements for graphs
Power supply	Input: 100 – 250 VAC, 50 – 60 Hz, 0.38A Output: + 9.0 V @ 1.9 Amp
Battery	Custom rechargeable nickel metal hydride battery pack, 1.6 Amp hours,4.8V
Warranty	Sensaire device 3 years return for repair; mouthpieces 90 days



Precalibrated, disposable mouthpieces