

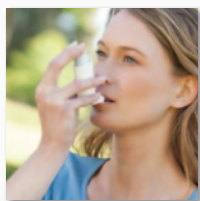
ERT[®] SpiroSphere Spirometer System



Smart • Portable • Affordable.

The ERT SpiroSphere spirometry system measures, records and assesses accurate lung function parameters (FEV1, FVC, PEF, FEF25-75, VC, IC, ERV and others).

The compact, portable spirometer is ideal for use by a physician or healthcare professional.



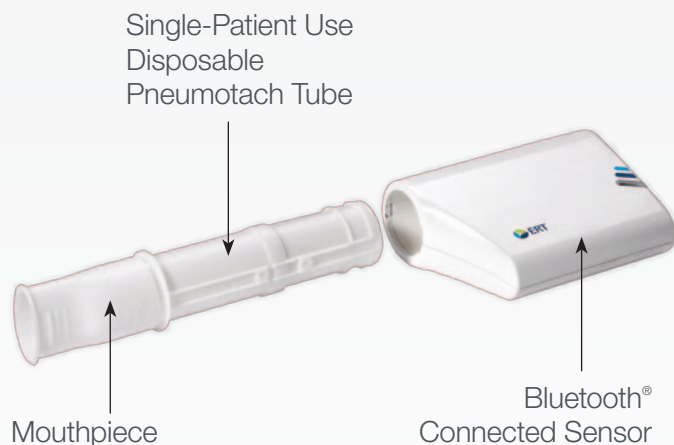
A high-resolution touch screen and a graphical interface optimized for maximum user experience make it easy to enter or select patient demographics and perform tests. Smart icons deliver quality feedback in real time so **patients can be guided to proper maneuvers** adhering to the latest American Thoracic Society (ATS) and European Respiratory Society (ERS) standards.

Always connected, SpiroSphere supports **Wi-Fi, Ethernet and 3G mobile networks** for mobility and seamless data transmission. After a patient is evaluated, reports can be emailed, printed or backed up to a USB stick.

SpiroSphere comes with a **disposable, single patient, pre-calibrated pneumotach tubes** simplifying daily procedures while capturing highly-accurate data. Each tube comes with an attached mouthpiece suitable for all ages. Hygiene is critical for safety and the disposable, single patient tube helps with cross-contamination.



SpiroSphere Features



- Lung Function Parameters: FEV1, FVC, PEF, FEF25-75, VC, IC, ERV and others
- Single-patient use, disposable pneumotach tube
- Bluetooth® connected sensor
- Supplied with carrying case
- Back up local data via USB stick
- Rechargeable battery in main unit & sensor unit
- Power supply charges main unit and wirelessly charges sensor unit
- Wi-Fi, Ethernet and 3G mobile network data transmission
- Connects to any compatible printer via USB

Specifications:

Flow measurement	High-quality pneumotach
Flow range (PEF)	0.1 to 16 L/s
Flow accuracy (PEF)	0.1 to 16 L/s: +/- 10% of reading or +/- 0.3 L/s
Flow resolution	< 5 mL/s
Resistance Max	135 Pa/(L/s) at 14 L/s
Instantaneous flow	0.1 – 14 L/s: +/- 5% or 0.2 L/s
Volume measurement	Digital integration
Volume range	0.1 to 8 L
Volume accuracy	0.1 to 8L +/- 3% of reading or +/- 0.05 L
Volume resolution	1 mL
Display	High-resolution LCD touchscreen, backlit 16.2 cm x 12.2 cm, 1024 x 800 pixels
L x W x H	31.5 cm x 19.5 cm x 7.5 cm
Power supply input	100-240VAC, 50/60Hz

Ordering:

Description	Quantity	Order#
SpiroSphere Spirometer	1	ERT 151200
Disposable ERT PT Mouthpiece	Box of 50	ERT 706003
Disposable Nose Clip	100 per Bag	5550047

Distributed by:



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