

SpiroScout SP SpiroScout SP plus

Upgrade your ECG with ultrasound spirometry measurements



SPIROSCOUT SP SPIROSCOUT SP PLUS

Easily add spirometry to your ECG device with SpiroScout SP or SpiroScout SP plus:

- ❖ accurate GANSHORN ultrasound technology
- ❖ calibration-free
- ❖ no warm-up time and no moving parts

The SpiroScout SP and the SpiroScout SP plus help to make your office more efficient by adding spirometry measurements to your SCHILLER ECG device, using the same platform for two different testing applications. You'll enjoy all the benefits of a full-featured ECG and spirometer with data organised in the same fashion to facilitate data management.

The SpiroScout SP and SpiroScout SP plus incorporate an ultrasonic flow sensor to measure the flow of air into and out of the patient's lungs. The ultrasound technology eliminates problems associated with traditional

methods of flow measurement: there are no moving parts, no screens to catch sputum and no disposables to calibrate.

Ultrasonic flow measurement is independent of gas composition, pressure and humidity and it eliminates errors connected with these variables. The disposable ScoutTube lets the ultrasonic pulses travel between the transducers.

The disposable ScoutTube does not perform any measurement functions and therefore does not require calibration.

DISPOSABLE AND SUSTAINABLE

To ensure a sustainable product, SCHILLER compensates the CO₂ emitted during production, packaging, shipment and disposal of the ScoutTubes and the PFT filters.



UNIQUE ADVANTAGES OF GANSHORN ULTRASOUND TECHNOLOGY:

Advantages of Ultrasound Technology

- ❖ sensor not in contact with sample
- ❖ not influenced by humidity, barometric pressure, contamination
- ❖ calibration free
- ❖ no cleaning, maintenance free
- ❖ simple and economic consumables
- ❖ extremely high accuracy for low flows
- ❖ no downtime

Disadvantages of Traditional Technology*

- ❖ sensor always in contact with sample
- ❖ extremely sensitive to contamination (measuring errors)
- ❖ regular calibration needed
- ❖ need for cleaning
- ❖ limited low-flow detection
- ❖ downtime for maintenance

*turbine, pneumotach, heated wire

**The SPIROSCOUT SP PLUS
with USB COMMUNICATION
is compatible with:**

- ❖ CARDIOVIT CS-104
- ❖ CARDIOVIT AT-102 G2
- ❖ SPIROVIT SP-1 G2



CARDIOVIT CS-104



CARDIOVIT AT-102 G2



SPIROVIT SP-1 G2



SCOUTTUBE

- ❖ hygienic single-patient consumable for full contamination control
- ❖ shaped oval for optimal lip seal and teeth positioning
- ❖ conical to suit different mouth sizes

PFT FILTER

- ❖ provides accurate, leakage-free and reproducible results
- ❖ protection against cross-contamination and offers additional protection for operators and technicians
- ❖ disinfectable adapter

**The SPIROSCOUT SP
with SERIAL COMMUNICATION
is compatible with:**

- ❖ CARDIOVIT AT-10 plus
- ❖ CARDIOVIT MS-2015
- ❖ CARDIOVIT MS-2010
- ❖ CARDIOVIT AT-102 plus
- ❖ CARDIOVIT AT-102 (with SCM)*
- ❖ DIAGNOSTIC STATION DS20 (from software version 2.xx)

*SCHILLER Communication Module



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Device availability in your market is subject to regulatory approval.

