

# SpiroScout SP

Upgrade your ECG with ultrasound spirometry measurements



# SPIROSCOUT SP

Easily add spirometry to your ECG device: spirometry with an ultrasound technology that needs no calibration, no warm-up time and has no moving parts.

The SpiroScout SP helps 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 incorporates 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 filters to change, 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 only acts as a hygienic barrier and lets the ultrasonic pulses travel between the transducers. The disposable ScoutTube does not perform any measurement functions and therefore does not require calibration.

## UNIQUE ADVANTAGES OF GANSHORN ULTRASOUND TECHNOLOGY:

### Ultrasound technology

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

### Technology comparison

(turbine, Fleisch, pneumotach, heated wire)

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



CARDIOVIT AT-10plus



CARDIOVIT MS-2015



CARDIOVIT MS-2010



CARDIOVIT AT-102plus



CARDIOVIT AT-102  
(with SCM)\*



## SCOUTTUBE

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

\* SCHILLER Communication Module



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