

SpiroScout SP plus

PC Spirometer

Ultrasound Spirometry measurements with CS-104 software



SPIROSCOUT SP PLUS



The SpiroScout SP plus incorporates an ultrasound flow sensor to measure the flow of air into and out of the patients 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.

Ultrasound 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 Scout-Tubes and the PFT filters.



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UNIQUE ADVANTAGES OF GANSHORN ULTRASOUND TECHNOLOGY:

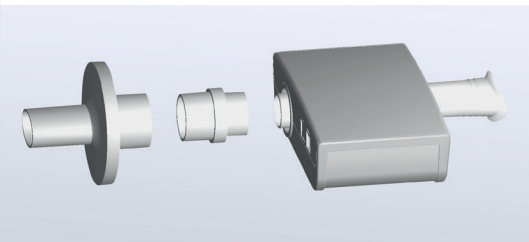
Advantages of Ultrasound Technology

- ❖ Sensor not in contact with sample
- ❖ Not influenced by humidity, barometric pressure, contamination
- ❖ Calibration-free
- ❖ No cleaning of sensors / filters, 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



SCOUTTUBE

- ❖ Hygienic single-patient consumable for full contamination control
- ❖ Oval in shape for optimal lip seal and teeth positioning
- ❖ Conical to suit different mouth sizes

PFT FILTER

- ❖ Provides accurate, leakage-free and reproducible results
- ❖ Protects against cross-contamination and offers additional protection for operators and technicians
- ❖ Disinfectable adapter



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Over the past 25+ years, Schiller India has established itself as a leader in the medical technology sector. With 450+ employees, a state-of-the-art ISO 13485-certified production centre in Puducherry, and multiple R&D centres across the globe, Schiller India makes advanced healthcare equipment accessible through a network of 100 sales and service dealers across more than 45 locations. Our product range includes Critical Care, Anaesthesia, Emergency Care, Cardiology, Respiratory Diagnostics, Radiology, and Robotics.

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