

SpiroScout SP plus

Upgrade your ECG with ultrasound spirometry measurements



SPIROSCOUT SP PLUS

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

- ❖ Accurate GANSHORN ultrasound technology
- ❖ Calibration-free
- ❖ No warm-up time and no moving parts

The SpiroScout SP plus helps 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 plus incorporates an ultrasound 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 measure-

ment: 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.



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

**THE SPIROSCOUT SP PLUS
IS COMPATIBLE WITH:**

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



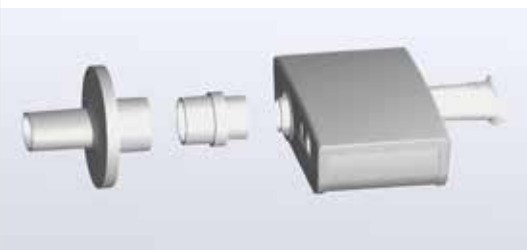
CARDIOVIT CS-104



CARDIOVIT AT-102 G2



SPIROVIT SP-1 G2



SCOUTTUBE

- ❖ Hygienic single-patient consumable for full contamination control
- ❖ 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



Americas
SCHILLER Americas Inc.
Doral, Florida 33172

North America:
Phone +1 786 845 06 20
Fax +1 786 845 06 02
sales@schilleramericas.com
www.schilleramericas.com

Latin America & Caribbean
Phone +1 305 591 11 21
Fax +1 786 845 06 02
sales@schilleramericas.com
www.schilleramericas.com



Asia
SCHILLER Asia-Pacific / Malaysia
52200 Kuala Lumpur, Malaysia
Phone +603 6272 3033
sales@schiller.com.my
www.schiller-asia.com



Austria
SCHILLER Handelsgesellschaft m.b.H.
A-4040 Linz
Phone +43 732 70 99 0
sales@schiller.at
www.schiller.at



China
Alfred Schiller (Beijing) Medical Technology
Co., Ltd.
100102 Beijing, China
Phone +86 10 84565453
info@schillerchina.com
www.schillermedical.cn



Croatia
SCHILLER d.o.o.
10000 Zagreb
Phone +385 1 309 66 59
info@schiller.hr
www.schiller.hr



France
SCHILLER Médical
F-67160 Wissembourg
Phone +33 3 88 63 36 00
info@schiller.fr
www.schiller.fr



France (distribution France)
SCHILLER France S.A.S.
F-77608 Bussy St Georges
Phone +33 1 64 66 50 00
contact@schillerfrance.fr
www.schiller-france.com



Germany
SCHILLER Medizintechnik GmbH
D-85622 Feldkirchen b. München
Phone +49 89 62 99 81 0
info@schillermed.de
www.schillermed.de



India
SCHILLER Healthcare India Pvt. Ltd.
Mumbai – 400 059, India
Phone +91 22 6152 3333 / 2920 9141
sales@schillerindia.com
www.schillerindia.com



Poland
SCHILLER Poland Sp. z o.o.
PL-02-729 Warszawa
Phone +48 22 843 20 89 / +48 22 647 35 90
schiller@schiller.pl
www.schiller.pl



Russia & C.I.S.
AO SCHILLER.RU
119049 Moscow, Russia
Phone +7 (495) 970 11 33
mail@schiller.ru
www.schiller.ru



Serbia
SCHILLER d.o.o.
11010 Beograd
Phone +381 11 39 79 508
info@schiller.rs
www.schiller.rs



Slovenia
SCHILLER d.o.o.
2310 Slovenska Bistrica
Phone +386 2 843 00 56
info@schiller.si
www.schiller.si



Spain
SCHILLER ESPAÑA, S.A.
ES-28232 Las Rozas/Madrid
Phone +34 91 713 01 76
schiller@schiller.es
www.schiller.es



Switzerland
SCHILLER Schweiz AG
CH-8912 Obfelden
Phone +41 44 744 30 00
sales@schiller-schweiz.ch
www.schiller-schweiz.ch



Turkey
SCHILLER TÜRKIYE
Okmeydani-Sisli – Istanbul
Phone +90 212 210 8681 (pbx)
Fax +90 212 210 8684
info@schiller.com.tr
www.schiller-turkiye.com



United Kingdom
SCHILLER UK Ltd.
Anstruther, Fife KY10 3H
Phone +44 16 190 72 565
sales@schilleruk.com
www.schilleruk.com

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