

# CARDIOVIT AT-180

Efficiency, performance, cybersecurity

SCHILLER



001 | - |

Smith John | 19 years 0 months | Male



LP 150Hz

25 mm/s, 10 mm/mV

Patient

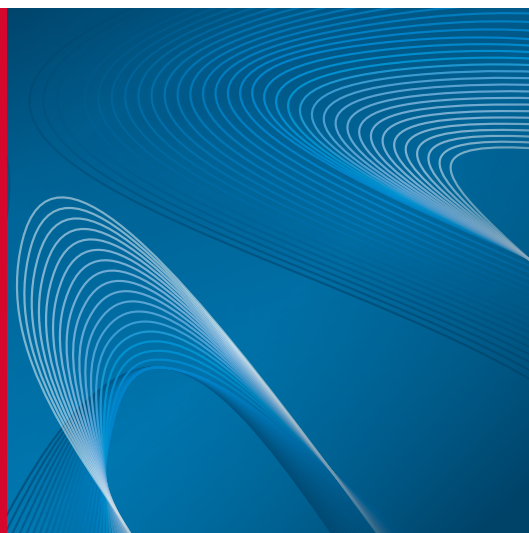


**SCHILLER**  
The Art of Diagnostics

# CARDIOVIT AT-180

Renowned SCHILLER technology in the state-of-the-art electrocardiograph CARDIOVIT AT-180:

- ⚡ High efficiency in any environment – ECG acquisition with only three clicks
- ⚡ Cybersecurity
- ⚡ Advanced clinical tools



Create a 10 seconds resting ECG from a resting rhythm recording of up to 20 minutes with ECG Framer

## HIGH EFFICIENCY IN ANY ENVIRONMENT

From the emergency department to the cardiology clinic, efficiency and quality are essential. ECG acquisition has never been faster: Enter or download patient data with PDQ or worklist, acquire the ECG, print and transmit with only three clicks.



### EASY 1-2-3 STEPS

1. Enter or download patient data. No mistakes with barcode and PDQ function.
2. Check signal quality and possible lead reversal before acquisition.
3. Review ECG, edit measurements and write the report before exporting or printing.

**ECG FRAMER:** Save time and avoid repeating ECGs. Let the patient relax and capture the best-quality ECG or multiple ECGs for patient observation over a 20-minute span. Measurements and interpretation are automatically generated for all ECGs. The continuous 12-lead ECG recordings and all captured ECGs are stored locally and transmitted to SEMA, SCHILLER's data management system.

## CYBERSECURITY

Bidirectional communication with EMR and HIS systems is available for all recording types. Data integrity and protection are supported with enhanced security features:

- ⚡ Configurable access control with user name, password and privileges to prevent unauthorized access
- ⚡ Wi-Fi protocols including certificate-based authentication to ensure secure access to the hospital IT infrastructure
- ⚡ Data encrypted during transmission

## ADVANCED CLINICAL TOOLS

**16-LEAD ECG:** The 16-lead resting ECG analysis (using a 14-wire patient cable) takes advantage of a right chest and back electrode to provide extended results for chest pain in adults.

**SAECG:** The analysis of late ventricular potentials in the ECG identifies post-MI patients predisposed to ventricular tachyarrhythmias and possible sudden cardiac death.

**VECTOR ECG:** 3-dimensional view of the cardiac electrical activity and complete diagnosis of frontal and posterior walls.

**ETM SPORT:** The first automated ECG interpretation module designed for athletes, based on the latest Seattle Criteria.

Hook-up adviser with anatomical model (rotate and zoom-in function) along with colour-coded waveforms

18.5" touchscreen for full ECG review

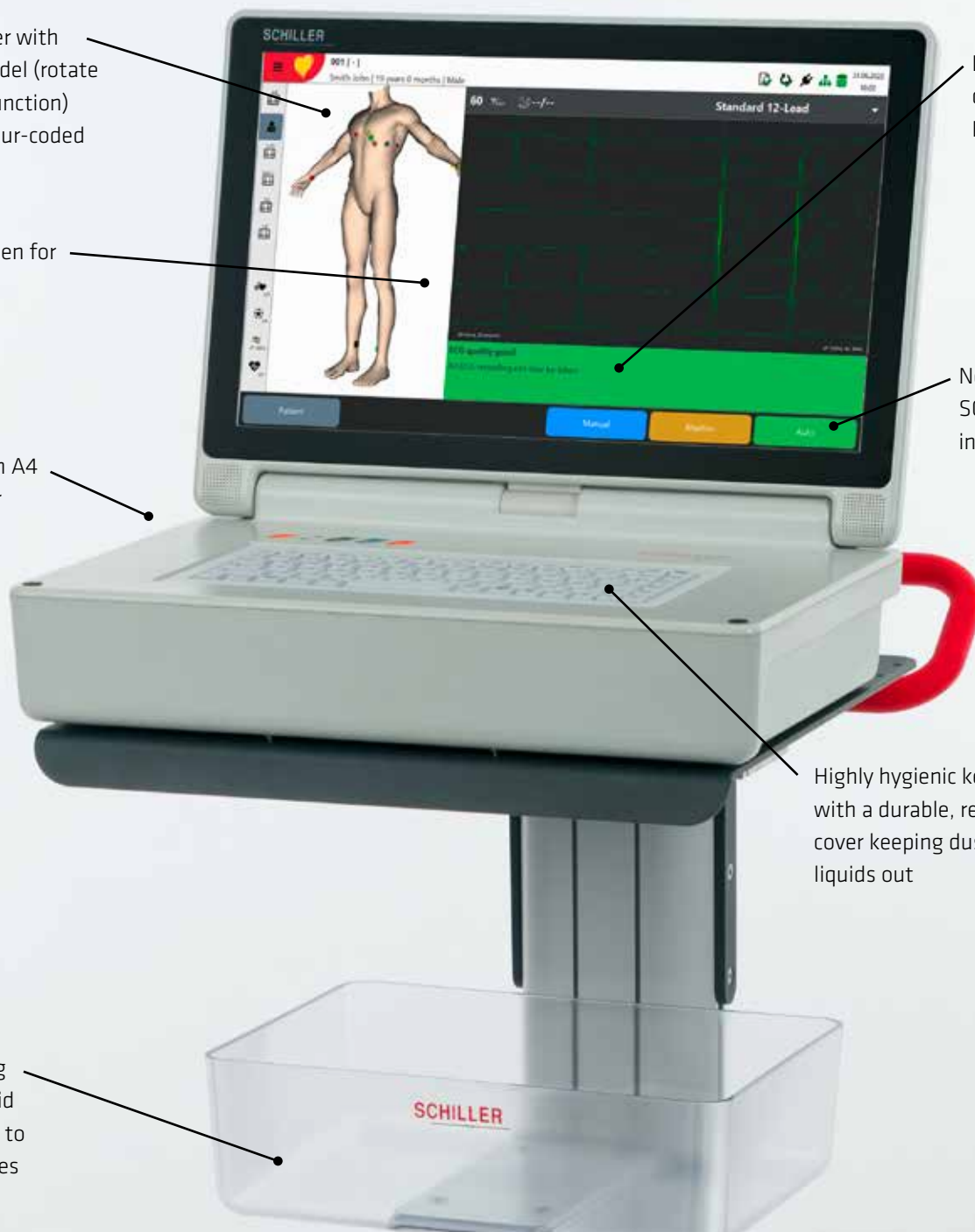
High-resolution A4 thermal printer

Lead reversal detection before ECG acquisition

New, intuitive SCHILLER user interface

Highly hygienic keyboard with a durable, replaceable cover keeping dust, dirt and liquids out

Smooth-gliding wheels and solid trolley with bin to store accessories



## EXERCISE ECG

Advanced exercise program with great flexibility in protocol definition for ergometers and treadmills. Print your customised report with the high-resolution thermal printer. Full-disclosure data enables review and re-analysis of every beat and arrhythmias for enhanced clinical confidence.







**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



**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



**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



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



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



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



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



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



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



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



**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



**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



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



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



**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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