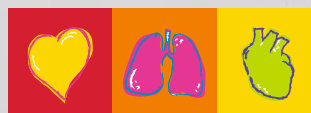
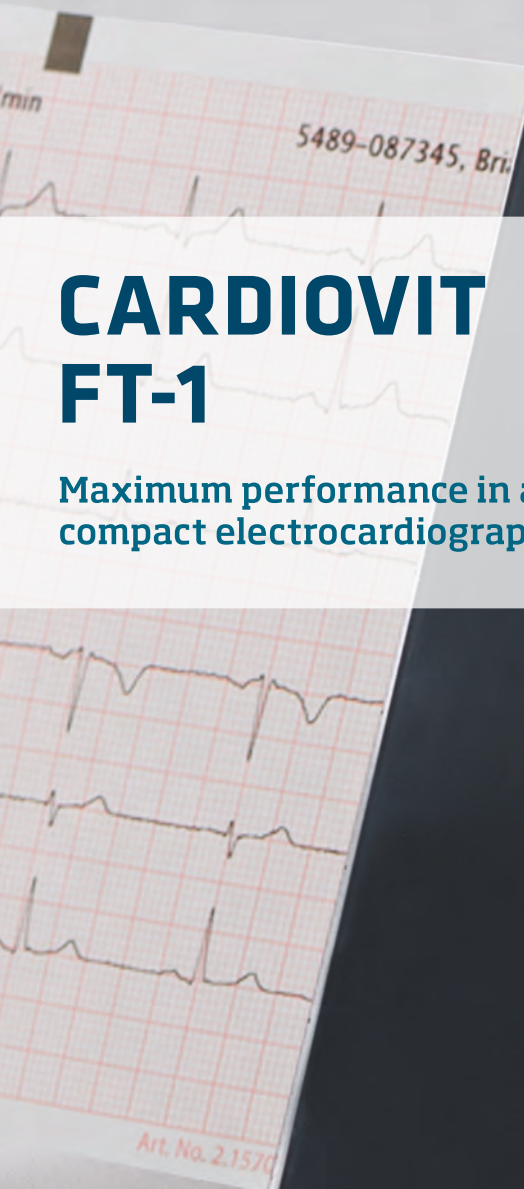


SCHILLER

CARDIOVIT FT-1

Maximum performance in a
compact electrocardiograph



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The Art of Diagnostics

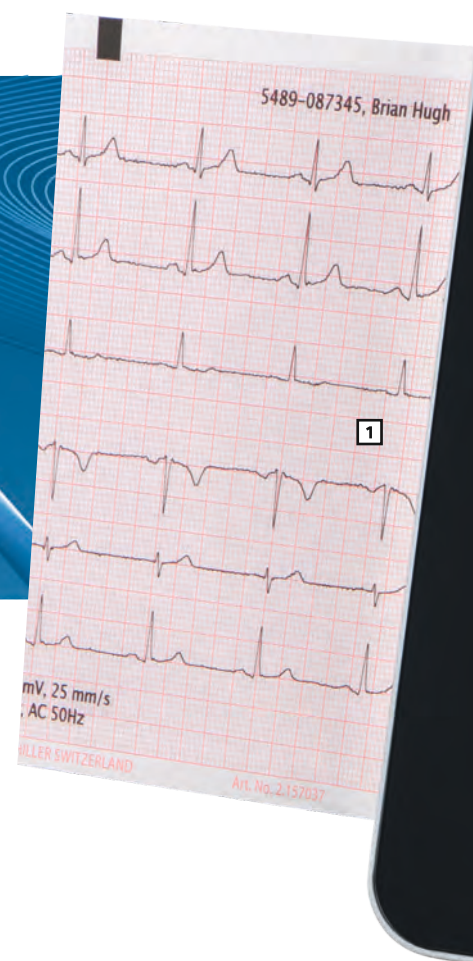
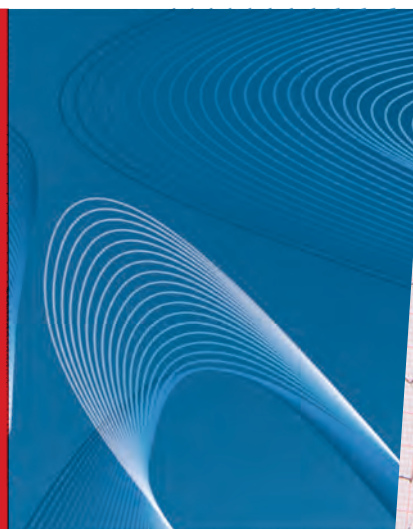
CARDIOVIT FT-1

Features

- ✦ 8" high resolution multi-touch color display with simple swipe gesture
- ✦ Compact, portable & smaller like a tablet
- ✦ Real time simultaneous 12 lead ECG acquisitions and display
- ✦ On screen Anatomical Hookup advisor for real time signal preview and quality
- ✦ Lead reversal detection for misplacement of electrodes
- ✦ On screen review of ECG, Interpretation & measurements
- ✦ An ideal tool for pediatric/ Neonatal with sampling frequency of 32000 samples/ sec/ channel
- ✦ Large internal memory of 350 ECGs
- ✦ Integrated thermal printer
- ✦ Bidirectional Wi-Fi Communication
- ✦ Interpretation with ETM Sport

Optional

- ✦ Culprit Coronary Artery Algorithm for early STEMI detection
- ✦ Worklist



ALWAYS CONNECTED

Standard Wi-Fi and LAN connectivity, combined with ECG review on display and a large memory, supports paperless workflows and cost saving

SCHILLER LINK : Easy-to-use software to export customized PDF reports directly on the PC

HIGHLY ACCURATE DIAGNOSES

SCHILLER's most advanced algorithms are implemented in the CARDIOVIT FT-1

PAEDIATRIC ECG: Thanks to very high sampling frequency and a large frequency band, the CARDIOVIT FT-1 offers optimal signal quality which makes it the ideal tool for paediatric ECG

RESTING RHYTHM: The FT-1 records all 12 channels for up to 4 minutes. This reduces the risk that important rhythm data might be overlooked. The recordings can be printed, stored, reviewed and transmitted

ETM: One of the industry's most renowned, simultaneous 12-lead ECG interpretation programs for uncompromising quality and reliability

ETM Sport: The first automated ECG interpretation module designed for athletes, based on the Seattle Criteria

OPTIONAL

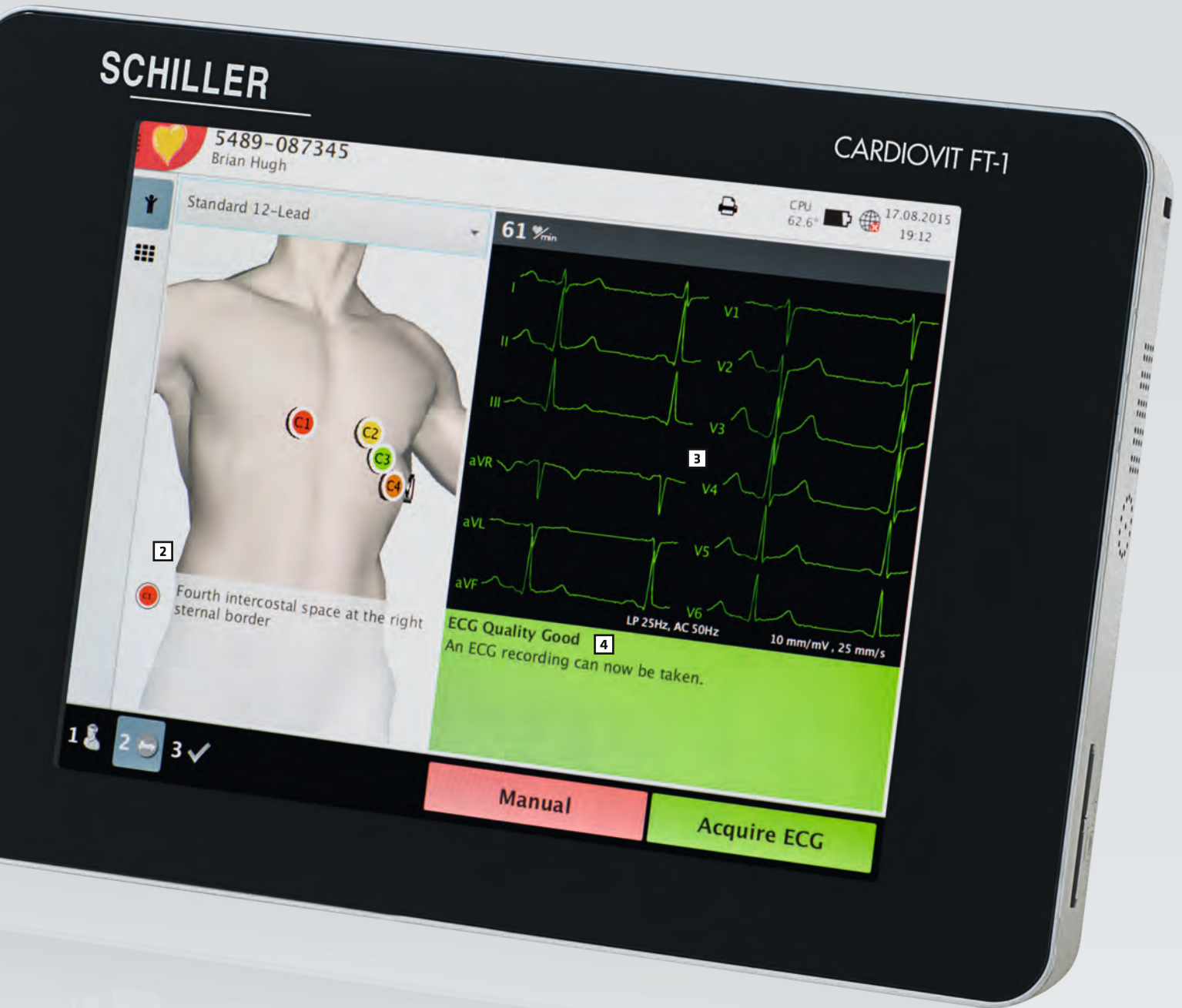
CCAA: Uses ECG to determine the size of the cardiac area at risk by localizing the occlusion site in the Coronary artery. Provide clinical data to shorten the time interval between onset of chest pain and restoration of myocardial blood flow

1 The high-precision thermal printer (8 dots/mm) is designed to last for many years of trouble-free operation.

2 The anatomical hook up adviser helps to place the electrodes correctly with zoom-in and rotate functions for optimal view.

3 ECG overview of all 12 channels including colour-coded lead quality check

4 In case of lead reversal, warnings for limb or chest leads are immediately displayed before ECG acquisition.



EASY 1-2-3 STEPS

- 1: Enter or download patient data
- 2: Control signal quality and perform ECG
- 3: Review ECG before storing, exporting or printing

Users are free to go back and forth through the steps.

Technical Data CARDIOVIT FT-1

System

Device

Dimensions: 230 x 160 x 30 mm (l/w/h)
Weight: 1.1 kg including paper

Electrical Data

Power: Mains or battery operation
Power supply: 100 to 240 VAC, 50 to 60 Hz,
Power consumption: Approx. 30 VA / 15 VDC
Battery capacity: 4 hours of continuous display,
Battery type: Lithium-ion polymer 11.1 V, 2.4Ah

Ambient Conditions

Temperature: Operation: 10 to 40 °C;
Transport/ storage: -10/+5 to 50 °C
Humidity: Operation: 15 to 95% non-condensing
Transport/storage: 10 to 95 % non-condensing
Pressure: Operating: 700 to 1060 hPa

Interfaces & Communication

Interface: LAN (Ethernet (RJ45)), USB
WiFi: 802.11a, b, g, n
– Security protocol: WPA2-PSK, WPA-PSK, WEP64/128-PSK
– Encryption: AES and TKIP

Internal Memory: up to 350 Recordings

Filter

Myogram filter: LP 25 or LP 40 Hz
AC filter: 50 or 60 Hz

Recording functions

- 12 lead simultaneous analysis
- On screen review of ECG
- Standard, Cabrera
- QT correction: Bazett, Fredericia, Framingham or Hodges
- Provides 10 seconds of instantaneous ECG acquisition
- Lead selection: Right precordial (V4r), Standard C4r, left posterior, Nehb
- Computerized measurement, Paediatric
- Resting rhythm upto 4 minutes

ECG amplifier

- CF Defibrillation protected
- Sampling frequency: 32000 samples/sec/channel
- ECG resolution :1 µV
- Frequency response 0.05 – 250 Hz (recommended for pediatrics)
- Sensitivity: 10 mm/mV
- ECG speed: 25 mm/s

Review ECG: On a area of 118 x 192 mm
Review speed: 12.5/25/50 mm/s
Review amplitude: 5/10/20 mm/mV

Software

- ETM (Computer aided ECG Interpretations Specially designed for Sports personalities who typically has low heart rates)
- SCHILLER Link

Components

Display

Display: 8" Multi-touch backlit LCD screen
Resolution: 1024 x 768 dots
Displayed leads: 12

Printer

Internal Thermal Printer
Selectable Print Formats
Real-time rhythm strip (Manual mode)
Printing number of traces in Real-time rhythm: 6
Thermal paper Format: Z folded 114*150 mm
Paper speed: 5/12.5/25/50 mm/s (5/12.5 manual mode only)
Sensitivity: 5/10/20 mm/mV

Keyboard

Multi - Touch Screen
Direct Function Keys: Touch screen
USB barcode scanner (optional)

Certification

Protection class according 60601-1: II
Applied Part according 60601-1: CF
Classification according Directive 93/92/EEC: IIA
Notified Body: CE 0123 & FDA

Optional Software Upgradation

- CCAA - Culprit Coronary Artery Algorithm Software
- SEMA - Schiller Data Management System
- Worklist - Import worklist from Hospital server (requires SEMA)

Standard Accessories

- 10 Lead Patient cable
- Snap/ Button electrode - 10 no
- Adhesive ECG Electrode - 1 pack
- Thermal Recording Paper – 1 no
- Power Adaptor
- Power Cord
- User Manual
- Interpretation Manual

Part no.: 3100016
7/18 Ver. no.: 1.0

Accessories shown are not part of standard configuration All registered trademarks acknowledged.

Technical data are subject to change without notice

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The Art of Diagnostics

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