



## Technical data

# CARDIOVIT FT-1

### System

#### Device

**Dimensions:** 230 x 160 x 30 mm (l/w/h)

**Weight:** 1.1 kg including paper

#### 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
- Transport/storage: 500 to 1060 hPa

#### Electrical data

**Power:** Mains or battery operation

**Power supply:** 100 to 240 VAC, 50 to 60 Hz, 1.0 A (100 V) to 0.6 A (240 V)

**Power consumption:** Approx. 30 VA / 15 VDC

**Battery capacity:** 4 hours of continuous display

#### ECG amplifier

CF Defibrillation protected

#### Interfaces & Communication

**Interface:** LAN (Ethernet 1 Gbit), USB

**Internal Memory:** up to 350 ECG or 100 Resting Rhythm Recordings

**WiFi:** 802.11a, b, g, n

- Security protocol: WPA2-PSK, WPA-PSK, WEP64/128-PSK
- Encryption: AES and TKIP

#### Filter

**Myogram filter:** LP 25, LP 40 or LP 150Hz

**AC filter:** 50 or 60Hz

#### 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

Resting Rhythm up to 4 minutes

**Lead selection:** Right precordial (V4r), Standard C4r, left posterior, Nehb

Computerized measurements

#### Warranty

See general terms of condition on [www.schiller.ch](http://www.schiller.ch)

### Components

#### Display

Colour LCD

**LCD Resolution:** 1024\*768

**LCD Size:** 8"

**Displayed leads:** 12

**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

#### Review Resting Rhythm:

- on a area of 118 x 192 mm
- Review speed: 6.25 mm/s
- Review amplitude: 2.5 or 5 mm/mV

#### Printer

Internal Thermal Printer

Selectable Print Formats

Real-time rhythm strip (Manual mode)

**Printing number of traces in Real-time rhythm:** 6

**Thermopaper Format:** Z folded 114\*150 mm

**Paper speed:** 5/12.5/25/50 mm/s (5/12.5 manual mode only), for resting rhythm 6.25 mm/s

**Sensitivity:** 5/10/20 mm/mV, for Resting Rhythm 2.5 or 5 mm/mV

#### Keyboard

Multi-Touch Screen

**Direct Function Keys:** Touchscreen

USB barcode scanner (optional)

### Options

#### Hardware

Trolley

Schiller vacuum electrode system

#### Software

**ETM (computer-aided ECG interpretation):**

- ETM for adults and children (5.106002) incl. ETM Sport Culprit Coronary Artery Algorithm Software (CCAA), (5.106003)

#### Communication

**SEMA3 Server required**

- XML/PDF export to HIS/EMR
- DICOM/HL7 aECG export to HIS/PACS (5.602101)
- HIS/EMR patient import for PDQ (5.602102)
- HIS / EMR Results Export (5.602103)

### Standards

#### Certification:

**Protection class according 60601-1:** II

**Applied Part according 60601-1:** CF

**Classification according Directive 93/92/EEC:** IIa

**Notified body:** CE0123



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The Art of Diagnostics

