



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 Enterprise / IEEE802.1, WPA2-PSK, WPA-PSK, WEP64/128-PSK, Encryption: AES and TKIP

Filter

Myogram filter: LP 25, LP 40 or LP 150 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

Resting Rhythm up to 4 minutes

Lead selection: Standard 12 lead, Pediatric, Right precordial, Standard C4r, left posterior, Nehb

Computerized measurements

Warranty

See general terms of condition on www.schiller.ch

Components

Display

Colour LCD

LCD Resolution: 1024*768

LCD Size: 8"

Displayed leads: 12

Sensitivity: 5, 10, 20 mm/mV

ECG speed: 12.5, 25, 50 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)

Worklist (5.106004)

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:  0123



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The Art of Diagnostics