



System

Device

Dimensions: 384 x 319 x 90 mm (l/w/h)

Weight: approx. 4.5 kg with paper

Environmental conditions

Temperature:

- Operation: 10 to 40 °C;
- Transport: -10 to +50 °C
- Storage: 5 to +50 °C

Humidity:

- Operation: 15 to 95 %, non-condensing
- Transport/storage: 10 to 95 %, non-condensing

Pressure:

- Operation: 700 to 1060 hPa
- Transport/storage: 500 to 1060 hPa

Electrical data

Power: Mains or battery operation

Power supply: 100 to 240 VAC, 1.3- 0.7A 50 or 60Hz

Power consumption: max. 64 VA

Battery capacity: 8 hours with ECG printout every 15 minutes

ECG amplifier

CF, defibrillation-protected (only with original SCHILLER patient cable)

Interfaces & Communication

Interface: LAN (Ethernet 1 Gbit), 2x USB, Potential equalisation, Kensington lock

WiFi: 802.11a, b, g, n

- Security protocol: WPA2 Enterprise / IEEE802.11, WPA2-PSK, WPA-PSK, WEP64/128-PSK, Encryption: AES and TKIP

PDF export: PDF / A-1a or b (A4 or letter) to USB stick

Memory

Internal memory: up to 350 ECG, 100 Resting Rhythm Recordings and 10 exercise ECG

Filter

Myogram filter: LP 25, LP 40, LP 150Hz or off (250 Hz)

AC filter: 50 or 60Hz

Recording functions

12 lead simultaneous analysis

On screen review of ECG

Signal quality check and lead reversal detection

Standard, Cabrera

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

Provides 10 seconds of instantaneous ECG acquisition

Resting Rhythm up to 10 minutes

QT correction: Bazett, Fredericia, Framingham or Hodges

Standards

Certification:

Safety and performance standard: 60601-1: Conforms with or exceeds IEC/EN 60601-1 and IEC/EN 60601-2-25

Protection class according 60601-1: I

Applied part according to 60601-1: CF

Classification according to Directive 93/42/EEC: IIa

Notified body: 0123

Components

Display

Colour LCD

LCD Resolution: 1024*768

LCD Size: 8"

Displayed leads: 6 or 12

Sensitivity: 5, 10, 20 mm/mV

ECG speed: 12.5, 25, 50 mm/s

Review ECG:

- on a grid of 88 x 152 mm
- Review speed: 12.5/25/50 mm/s
- Review amplitude: 5/10/20 mm/mV

Review Resting Rhythm:

- on a grid of 95 x 140 mm
- Review speed: 6.25 or 12.5 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 or 12

Thermal paper format: Z-folded, 210 mm wide (A4, 8.5 x 11 inches)

Paper speed manual printout: 12.5/25/50 mm/s

Sensitivity manual printout: 5/10/20 mm/mV

Keyboard

Sealed silicon alphanumeric keyboard

12 touch keys: Multifunctional keys

3 direct keys: Acquire resting ECG, start manual printout stop manual printout

Options

Hardware

Trolley

Schiller vacuum electrode system

Barcode scanner

Software

Worklist

CARDIOVIT AT-102 G2 EKG

Product Code: SCHO.108000

Cardiovit AT-102-G2 ECG

