

CARDIOVIT AT-1 G2

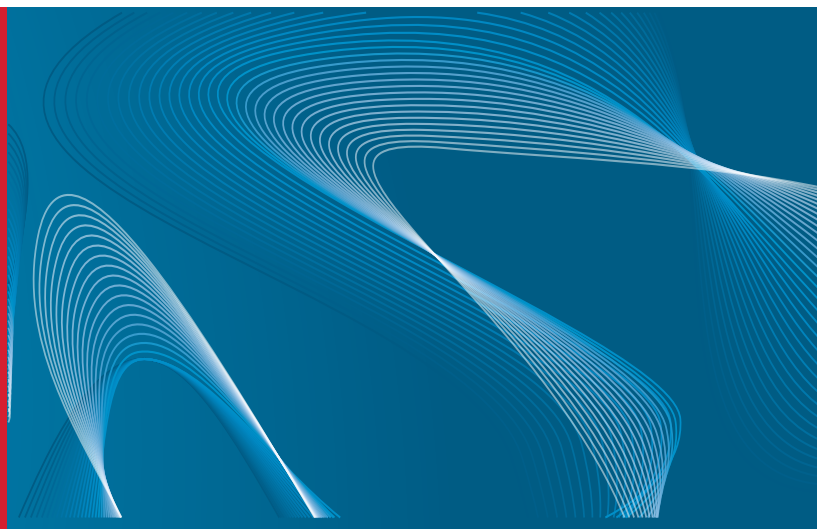
The power of simplicity



CARDIOVIT AT-1 G2

FEATURES

- Easy patient data entry
- Outstanding signal quality for adult and paediatric ECG
- Lead reversal detection
- The high-resolution thermal printer is compatible with z-folded paper
- ECG overview of 3 channels including colour-coded lead quality check
- Easy PDF export to USB stick



WHEN TRADITION MEETS MODERNITY

Building on the solidly proven AT-1 and enhanced with the latest technology, the AT-1 G2 distinguishes itself by its outstanding signal quality and the latest interpretation algorithm.

User-friendliness is guaranteed with step-by-step workflow and easy patient data entry.

A colour screen and an easy-to-clean keyboard complete this intuitive and reliable electrocardiograph.

STATE OF THE ART

Thanks to a very high sampling frequency and a large frequency band, the CARDIOVIT AT-1 G2 provides optimal signal quality for adult and paediatric ECG.

The high-resolution thermal printer is compatible with z-folded paper, accommodating customer preference. For data archiving PDF export on USB stick is also available.

ERGONOMIC DESIGN

The CARDIOVIT AT-1 G2 has been designed with ease-of-use in mind: patient data can be entered at the touch of a button; with a 5" colour display for ECG preview and simplified keyboard, taking an ECG has never been simpler.

STEP-BY-STEP WORKFLOW

1. Patient data entry (at the touch of a button)
2. Real-time signal preview and quality check, with lead reversal detection
3. Post-acquisition review

ADVANCED CLINICAL ALGORITHM

ETM: One of the industry's most renowned 12-lead ECG interpretation programs.

CCAA: SCHILLER's Culprit Coronary Artery Algorithm is used outside the hospital whenever a fast decision on chest pain is required immediately. It locates the obstruction site in the coronary artery and thereby the size of the cardiac area at risk.

1 The high-resolution thermal printer is compatible with z-folded paper

2 Patient data entry with one touch of a button

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

4 Lead reversal detection



EASY 1-2-3 STEPS

- 1: Enter patient data
- 2: Control signal quality and perform ECG
- 3: Review ECG before printing

Technical Specifications **CARDIOVIT® AT-1 G2**

System

Device

Dimensions: 285 x 189 x 61 mm (l/w/h)
Weight: 1.94 kg including paper

Environmental conditions

Temperature:

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

Humidity:

- Operation: 20 to 90 %, non-condensing
- Transport/storage: 10 to 95 %, non-condensing

Pressure:

- Operation: 780 to 1060 hPa
- Transport/storage: 500 to 1060 hPa

Electrical data

Power: Mains or battery operation

Power supply: 100 - 240 VAC, max. 0.75 A (115 V) - 0.4 A (230 V), 50/60Hz

Power consumption: max. 30 Watt

Battery capacity: 4 hours continuous operation with PbGel rechargeable battery 12 V 2.0 Ah (without printout)

ECG amplifier

Complies with IEC 60601-2-25 and ANSI/AAMI EC11

Interfaces & communication

- Interface: - ECG cable interface
- Potential equalisation
 - 1 USB

Filter

Myogram filter: LP 25, LP 40 or LP 150, 250 Hz or Off (250 Hz)
AC filter: 50 or 60 Hz

Recording functions

Simultaneous recording of 12 leads

On-screen review of ECG

Standard, Cabrera

QT formula: Bazett, Fredericia, Framingham or Hodges

Provides 10 seconds of instantaneous ECG acquisition

Computerized measurements

Memory

100 ECGs in PDF format (only for export to USB stick)

Automatic PDF export to USB stick when plugged in

Interpretation

ETM (computer-aided ECG interpretation):

- ETM for adults and children

Components

Display

Colour LCD

LCD Resolution: 800*480

LCD Size: 5"

Displayed leads: 3

Sensitivity: 5, 10, 20 mm/mV

ECG speed: 5, 25, 50 mm/s

Review ECG:

- On a area of 48 x 108 mm

- Review speed: 25 mm/s

- Review amplitude: 10 mm/mV

Printer

Internal thermal printer

Selectable print formats

Real-time rhythm strip (manual mode)

Number of traces printed in real-time rhythm: 3

Thermal paper format: Z folded 80 mm

Chart speed: 5/25/50 mm/s (RECG 25/50 mm/s)

Sensitivity: 5/10/20 mm/mV (RECG 10 mm/mV)

Keyboard

PU-coated silicone

Options

Hardware

Trolley

Software

- Culprit Coronary Artery Algorithm Software (CCA) (2.107002)

Warranty

One year warranty on the device

Standards

Certification

Safety standard:

IEC/EN 60601-1

IEC/EN 60601-2-25

EMC: IEC/EN 60601-1-2

Conformity: CE - Class IIa, in accordance to MDD 93/42/EEC

Protection : IP 20

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

Technical data are subject to change without notice

SCHILLER

The Art of Diagnostics

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