

CARDIOVIT AT-2

Exceed your Expectations,
not your Budget!



CARDIOVIT AT-2 – Why compromise Performance and Reliability when you can have it all in one affordable ECG-System?

The AT-2 is a low cost ECG system with performance features previously only available in high priced systems. Using the latest design and manufacturing technology, the AT-2 provides A4 (8 1/2" x 11") reports within seconds at the touch of a button. Optional is an automatic measurement and interpretation program as well as a trolley.

- Full-size A4 (8 1/2" x 11") reports to fit patient charts
- Powerful battery, which lasts for 400 recordings or 6 hours continuous use
- Built-in thermal printer
- Up to 20 different printout formats
- Realtime printout of 6 channels with 5, 10, 25 oder 50 mm/s
- Various recording rates
- Simultaneous 12 lead ECG acquisition
- Printouts in less than 20 seconds for immediate analysis
- Auto printout of all 12 channels on 1 or 2 pages
- Copy function for unlimited number of copies
- AC/DC power supply with built-in rechargeable battery, built-in charger unit
- Portable – weighs only 4,8 kg / 11 lbs
- CE labelled
- Meets or exceeds U.S. and International quality standards

Options:

- Measurement and interpretation software
- Cart

Seeing is believing... call now for a no-obligation demonstration!



SCHILLER

Technical Data AT-2:

System

Dimensions: 400 x 330 x 101 mm, app. 4.8 kg, 15.7 x 13.0 x 4.0 in., approx. 11 lbs

Power supply requirements: 220 - 240 V (nominal), 50/60 Hz or 300 - 115 V (nominal), 50/60 Hz independent operation with built-in rechargeable battery
LED indication for mains and battery, built-in charger unit

Power consumption: Max. 28 VA

Battery charging time: 15 hrs. from a completely discharged battery.
3 hrs. to 60 % capacity

Battery capacity: 5 hrs. of normal use or 400 automatic ECG printouts

Frequency range of digital recorder: 0 Hz - 150 Hz (EC/AHA)

Patient input circuitry: Fully floating and isolated, defibrillation protected (only with original SCHILLER patient cable)

Control panel and keyboard: User-friendly key pad, LED indicators

LED Indicators:

- Lead group
- Mains connected
- Battery operation and low battery (indicator flashes)
- Paper tray empty or jammed
- Filter status (on/off)
- Loose electrodes

Leads: 12 simultaneous leads: Standard / Coburn

Myogram (muscle tremor) filter: Adjustable at 25 or 35 Hz (also for copy function)

Line frequency filter: Distortion-free suppression of superimposed 50 or 60 Hz sinusoidal interferences by means of adaptive digital filtering

ECG amplifier:

- Simultaneous, synchronous recording of all 9 active electrode signals (= 12 leads)
- Sampling frequency: 1000 Hz
- Pacemaker detection: 2 ± 2 mV/ ≥ 0.1 ms

Printing (built-in thermal printer):

Paper speed: 5 / 25 / 50 mm/s (manual printout)

Sensitivities: 5 / 10 / 20 mm/mV, either automatically adjusted or manually selected

Chart paper: Thermoreactive, 2-sided, 8 1/2" by 11" (A4; letter size), perforation each page, app. 60 m

Printing process:

- High-resolution thermal printhead
- 6 dots per mm / 200 dots per inch (amplitude axis)
- 40 dots per mm / 1000 dots per inch (time axis)
- @ 25 mm/s

Automatic lead programs:

- 6/12 channel representation of 12 simultaneously acquired standard leads on one page, full letter size (A4) / 8 1/2" by 11" inch
- Various format possibilities

Data record:

- With optional measurement and interpretation program, ECG measurement results (intervals, amplitudes, electrical axes), average complexes with optional measurement reference markings, ECG interpretation statements

Recording tracks: 6 channels, positioned at optimal width on 200 mm (8 1/2"), automatic baseline adjustment

Norms:

Safety standard: CF according to IEC 60601-1 and IEC 60601-2-25, CSA, UL

Protection class: I according to IEC 60601-1 (with internal battery)

VDE, UL and SEV, IIs according MDD 93/42/EEC

Conformity: CE according to MDD 93/42/EEC

Environmental conditions:

- Temperature, operating: 10° to 40° C / 50° to 104° F
- Temperature, storage: -10° to 50° C / 14° to 122° F
- Relative humidity, operating: 25 to 95 % (non-condensing)
- Pressure, operating: 700 - 1060 hPa

Patient leakage current: < 5 μ A

Scope of delivery:

CARDIOVIT AT-2 basic unit with 12-lead Resting ECG

Accessories:

- 12-lead patient cable
- 500 disposable electrodes or reusable electrode set
- Snapclip adapter for disposable electrodes
- Power cable
- 2 pkg. of recording paper
- Operating manual
- Carf (optional)

Software option: Automatic measurement and interpretation program for Resting ECGs (intervals, amplitudes, electrical axes, average complexes with optional measurement reference markings)

Technical data are subject to change without notice.