



The **Welch Allyn Schiller AT 2** is a 12-lead EKG system that can support a six-channel format. The AT 2 is a battery-operated system that can run up to 6 hours and provide full-size (8.5 x 11) report printouts. The EKG offers an LCD screen for quick previews and an alphanumeric keyboard for ease of use. The Cardiovit At 2 is a lightweight system, making it ideal for either a Physician's office or ambulatory field work.

Features

- 6 or 12-channel representation of all 12-leads
- Automatic and Manual Modes
- Full size 8 x 11 report printouts (A4)
- Rechargeable battery
- can do 400 recordings on a fully charged battery
- Single button operation



Specifications

Dimensions

Length: 15.7 in (400 mm)

Width: 13 in (330 mm)

Depth: 4 in (100 mm)

Weight: 11 lbs. (5 kg)

Power

Battery: Built-in 12 V lead-acid battery (rechargeable)

Battery Capacity: 4 hours normal use - 300 printouts

Power Consumption: Recording: 28 VA max

ECG Storage

Circular input memory for 10 s, 12-lead ECG.

ECG Amplifier

Simultaneous, synchronous registration of all 9 active electrode signals (= 12 standard leads)

Sampling frequency: 1000 Hz

Digital resolution: 5 μ V

Dynamic range: ± 9.5 mVAC

Max. electrode potential: ± 300 mVDC

Time constant: 3.2 s

Frequency response: 0.05 to 150 Hz (-3 dB)

Input impedance: >2.5 MOhms at 10Hz

Environmental Conditions

Temperature, Operating: 10 to 40 deg. C

Temperature, Storage: -10 deg. to 50 deg. C

Relative humidity: 25 to 95% (non condensing)

Atmospheric pressure: 700 to 1060 hPa

Other Specifications

Leads: Standard / Cabrera

Paper Speed: 5 / 10 / 25 / 50 mm/s (direct)

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

Chart Paper: Thermoreactive - Z-folded, 210 mm wide, perforation 280 mm

Printing Process:

High-resolution thermal print head,

8 dots per mm / 200 dots per inch (amplitude axis)

40 dots per mm / 1000 dots per inch (time axis 25mm/s)

Recording Tracks: 6 channels, positioned at optimal width on 200 mm, automatic baseline adjustment

Automatic lead Programs: Printout of all 12 leads

Data Record: Listing of ECG recording data