

Cost-effective ECG solution that is great for hospitals, family practices and emergency responders



Portable and compact



Alphanumeric keyboard



Bright color screen



Available with

- » PC-based data management software.
- » Smart ECG Viewer.

- » **Portable, lightweight design**
Convenient for mobile use and offices with limited space.
- » **Easy data input and operation**
Alphanumeric keyboard and one-touch operation.
- » **Power supply**
Built-in rechargeable battery, AC/DC power supply.
- » **Pacemaker detection**
Meets the requirements of ANSI/AAMI EC1.1.
- » **Interpretation**
Automatic measurement and interpretation for adults and pediatrics.
- » **Periodic recording**
Two-step exercise test with periodic recording.
- » **Heart rate variability (HRV) analysis**
- » **Recording**
Internal thermal printer and external printer.
- » **Memory and data transmission**
Supports external archiving: SD card and card reader, and flash drive (not included).
- » **Data transmission to a PC**
Via Ethernet or RS232 port.

Options

- » Internal storage upgrade to 200 ECGs.
- » PC-based data management software (Smart ECG Viewer).
- » XML format export.
- » SD card and card reader, flash disk.
- » Rolling stand and carrying bag.

Technical Specifications

Input circuit	Defibrillation protection
Lead	Standard 12 leads
Acquisition mode	12-channel simultaneous (10-24s adjustable)
A/D converter	24 bits
Sampling rate	1000Hz/channel, 10,000Hz for pacemaker detection
Input voltage range	±5mVp-p
Time constant	>3.2s
Frequency response	0.05Hz-150Hz
Calibration voltage	1mV±2%
Sensitivity	2.5, 5, 10, 20, 10/5, AGC (mm/mV)
Input impedance	>50M Ω
Input circuit current	<10nA
Noise level	<12.5 μ Vp-p
Patient leakage current	<10 μ Vp-p (220V-240V)
Patient auxiliary current	<0.1 μ A (DC)
Filters	EMG filter 25Hz/35Hz/45Hz/OFF Anti-baseline drift 0.05/0.15/0.25/0.5Hz Low-pass filter 75Hz/100Hz/150Hz AC filter 50Hz/60Hz
CMRR	>115 dB
Recording modes	Auto/manual/rhythm
Rhythm lead	Single channel or three channels selectable
Power supply	AC (100-240V@50/60Hz) 12V Vehicle-Carried Inverter Li-ion Battery
Battery	Built-in rechargeable Li-ion battery 2200mAh@14.8V for 6 hours general use or 280 copies ECGs continuous printing
Recorder	Thermal printer
Recording paper	110mm x 140mm x 144P (Z-fold)
Recording speed	5mm/s,6.25mm/s,10mm/s (±3%) 12.5mm/s,25mm/s,50mm/s (±3%)
Weight	Approximately 6.6 lbs. (3 kg) including battery and paper
Dimensions	12.7" x 12.2" x 3.9" (322 mm x 310 mm x 101 mm)
Display	5.7" TFT color LCD, 640x480 dots
External input	100K Ω, sensitivity 10mm/V±5
External output	100 Ω, sensitivity 1V/mV±5%
Communication interfaces	Ethernet or RS232



12-lead ECG waveform

Rich print formats for different needs



Interpretation

Automatic measurement and interpretation tested with authoritative CSE database



Rhythm recording

Single lead or three leads selectable



HRV analysis report