

SE-1/SE-3
Single/Three-channel ECG

Mounting Solutions



Carrying bag



Rolling stand

Specification

	SE-1	SE-3
Input Circuit	Defibrillator protection	
Lead	Standard 12 leads	
Acquisition Mode	Single lead	12 leads simultaneous acquisition
A/D Converter	12 bits	12 bits/24 bits (optional)
Input Voltage Range	$\leq \pm 5\text{mVpp}$	
Calibration Voltage	$1\text{mV} \pm 3\%$	
Frequency Response	$0.05\text{Hz} \sim 150\text{Hz}$ (-3dB)	
Input Impedance	$\geq 50\text{M}\Omega$ (10Hz)	
Input Circuit Current	$\leq 0.05\mu\text{A}$	
DC Offset Voltage	$\pm 300\text{mV}$	$\pm 500\text{mV}/\pm 600\text{mV}$ (optional)
Noise	$\leq 12.5\mu\text{Vp-p}$	
Time Constant	$\geq 3.2\text{s}$	
DC Offset Voltage	$\pm 300\text{mV}$	
Baseline Adjustment	Automatic	
Filter	EMG Filter: 35Hz (-3dB) AC/DFT Filter: 50Hz/60Hz (-20dB)	AC Filter: On/Off DFT Filter: 0.05Hz/0.15Hz/0.25Hz/0.32Hz/0.5Hz/0.67Hz EMG Filter: 25Hz/35Hz/45Hz/OFF LOWPASS Filter: 150Hz/100Hz/75Hz
CMRR	$\geq 110\text{dB}$	$\geq 110\text{dB}/\geq 115\text{dB}$ (optional)
Recording Mode	Auto: 1CH, 1CH+1R Manual: 1CH	Auto: 3CH, 3/2CH, 3CH+1R, 1CH, 1CH+1R Manual: 3CH, 3/2CH, 1CH Rhythm: Single rhythm lead
Rhythm Lead	Any lead selectable	
Power Supply	AC: 100V-115V/220V-240V, 50/60Hz Built-in rechargeable Li-ion battery: Rated voltage: 14.8V More than 3 hrs continuous recording under battery supply	
Recorder	Thermal printer	Thermal printer/External printer
Record Paper	50mmx30m	80mmx20m
Paper Speed	25mm/s, 50mm/s	5mm/s, 6.25mm/s, 10mm/s, 12.5mm/s, 25mm/s, 50mm/s ($\pm 3\%$)
Dimension	288mmx210mmx70mm	
Weight	2.3 kg	2.5kg
Display	192 x 64 dots single color LCD screen	320x240 dots single color LCD Screen 192x64 dots single color LCD Screen
Communication Interface	N/A	Ethernet/RS232/USB

EDAN

SE-1/SE-3
Single/Three-channel ECG



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Care for Health

EDAN

SE-3 Series Three-channel ECG

Portable & User-friendly Design

- Foldable LCD screen, vivid waveform display
- Built-in rechargeable Li-ion battery, AC/DC power supply
- Communication interface: Ethernet/RS232/USB

Streamlined Workflow

- One-button operation
- Auto/Manual/Rhythm work mode
- Automatic baseline adjustment
- Lead-off detection and alarm

Accurate Clinical Performances

- 12 leads simultaneous acquisition with 24 bits A/D converter optional
- Automatic ECG measurements and interpretation tested by CSE/AHA/MIT database
- Complete digital filtering, resisting baseline drift, AC and EMG interference

Flexible Printing Solutions

- Built-in high-resolution thermal printer
- 12 leads grid printing on normal A4 paper by external printer

Data Management

- Large patient data storage: 120 ECGs (Narrow Screen), 144 ECGs (Wide Screen), which can be enlarged by a USB flash disk
- PC-based ECG data management software (optional)



SE-3 (Wide Screen)



Foldable Screen



Portable Design
(Handle Optional)



One-button Operation



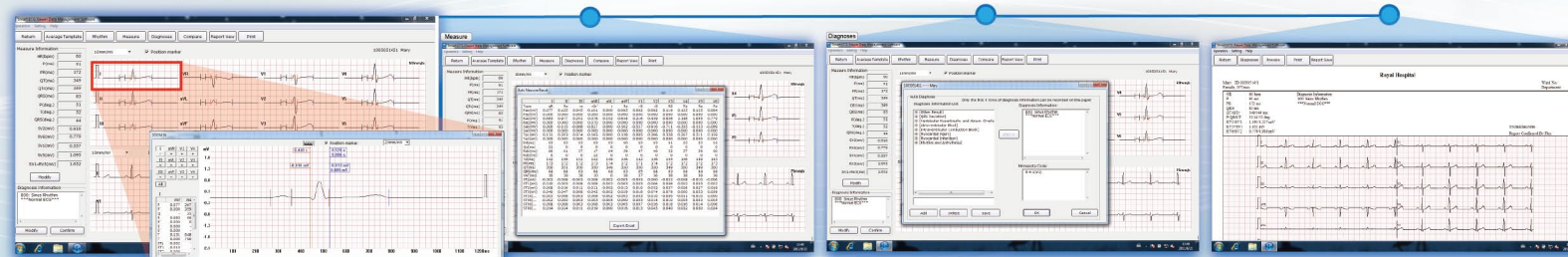
SE-3 (Narrow Screen)

PC-based ECG Data Management Software



Smart ECG Viewer

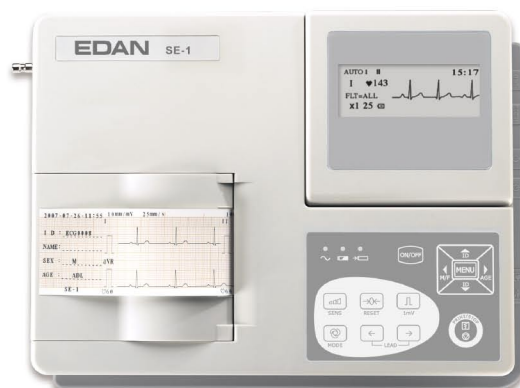
Intuitive interface to improve your work efficiency



Measurements

Diagnosis

Report



SE-1 Single-channel ECG

- Vivid waveform with foldable LCD display
- Built-in high resolution thermal printer
- Built-in rechargeable Li-ion battery, AC/DC power supply
- Well designed membrane keyboard

- Digital filtering, resisting baseline drift, AC and EMG interference
- Automatic baseline adjustment
- Auto/Manual work mode
- Lead-off detection and alarm