

SE-100/SE-300

Single/Three-channel ECG

Mounting Solutions



Carrying bag



Rolling stand

Specification

	SE-100	SE-300
Input Circuit		Defibrillation 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		< ±5 mVpp
Calibration Voltage		1 mV ±3%
Frequency Response		0.05 Hz~150 Hz (-3 dB)
Sensitivity		2.5, 5, 10, 20, 10/5, AGC (mm/mV)
Input Impedance		≥50 MΩ (10Hz)
Input Circuit Current	≤0.05 μA	≤0.05 μA/≤0.01 μA (optional)
DC Offset Voltage	±500 mV	±500 mV/±600 mV(optional)
Noise		≤12.5 μVp-p
Time Constant		≥3.2 s (0, ±20%)
Baseline Adjustment		Automatic
Filter	EMG Filter: 35 Hz (-3dB) AC/DFT Filter: 50 Hz/60 Hz (-20 dB)	AC Filter: On/Off DFT Filter: 0.05 Hz/0.15 Hz/0.25 Hz/0.32 Hz/0.5 Hz/0.67 Hz EMG Filter: 25 Hz/35 Hz/45 Hz/OFF LOWPASS Filter: 150 Hz/100 Hz/75 Hz
CMRR	≥110 dB	≥110 dB/≥115 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: 100 V-115 V/220 V-240 V, 50/60 Hz Built-in rechargeable Li-ion battery: Rated voltage: 14.8 V More than 3 hrs continuous recording under battery supply
Recorder	Thermal printer	Thermal printer/External printer
Record Paper	50 mm x 30 m	80 mm x 20 m
Paper Speed	25 mm/s, 50 mm/s	5 mm/s, 6.25 mm/s, 10 mm/s, 12.5 mm/s, 25 mm/s, 50 mm/s (±3%)
Dimension		300 mm x 260 mm x 75 mm (11.8 in x 10.2 in x 3.0 in)
Weight	2.3 kg	2.5 kg
Display	192 x 64 dots single color LCD screen	320 x 240 dots single color LCD Screen 192 x 64 dots single color LCD Screen
Communication Interface	N/A	Ethernet/RS232/USB

EDAN

SE-100/SE-300

Single/Three-channel ECG



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ENG-ECG-SE-100/SE-300-V2.2-20120830

Care for Health

EDAN

SE-300 Series Three-channel ECG



SE-300 (Wide Screen)



SE-300 (Narrow Screen)

Portable & User-friendly Design

- Vivid waveforms 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 modes
- Automatic baseline adjustment
- Lead-off detection and alarm

Accurate Clinical Performances

- 12 leads simultaneous acquisition with optional 24-bit A/D converter
- Automatic ECG measurements and interpretation tested with 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)



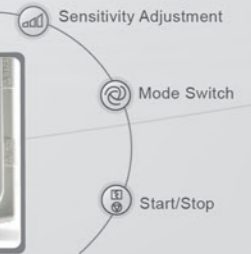
12 Leads Waveforms Display



Portable Design



One-button Operation

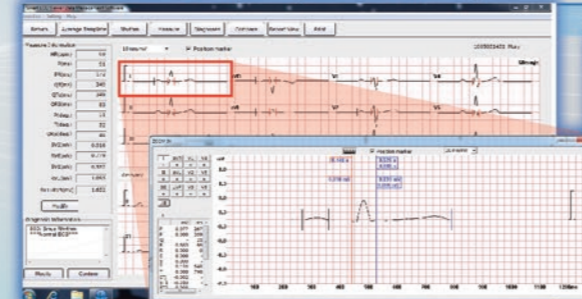


PC-based ECG data management software

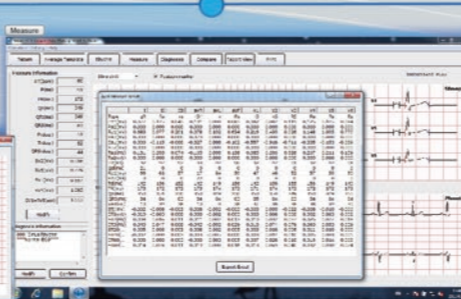


Smart ECG Viewer

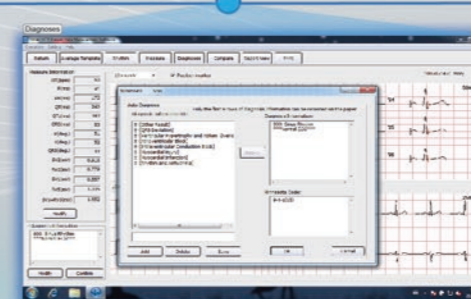
Intuitive interface to improve your work efficiency



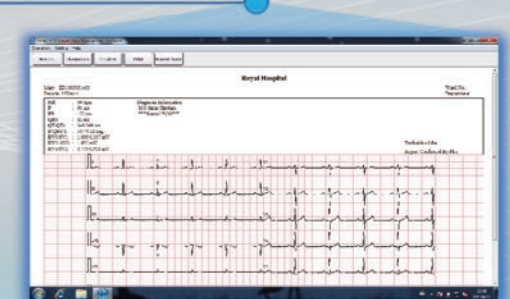
Measurements



Diagnosis



Report



SE-100 Single Channel ECG

- Vivid waveforms 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