

SE-100/SE-300

Single/Three-channel ECG

Mounting Solutions



Carrying bag



Rolling stand

Specification

	SE-100	SE-300
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		$\pm 5\text{mVpp}$
Calibration Voltage		1mV $\pm 3\%$
Frequency Response		0.05Hz ~ 150Hz (-3dB)
Input Circuit Current		1mV $\pm 2\%$
Sensitivity		2.5, 5, 10, 20, 10/5, AGC (mm/mV)
Input Impedance		$\geq 50\text{M}\Omega$ (10Hz)
Input Circuit Current	$\leq 0.05\mu\text{A}$	$\leq 0.05\mu\text{A}/\leq 0.01\mu\text{A}$ (optional)
DC Offset Voltage	$\pm 500\text{mV}$	$\pm 500\text{mV}/\pm 600\text{mV}$ (optional)
Noise		$\leq 12.5\mu\text{Vp-p}$
Time Constant		$\geq 3.2\text{s}$
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	50mm x 30m	80mm x 20m
Paper Speed	25mm/s, 50mm/s	5mm/s, 6.25mm/s, 10mm/s, 12.5mm/s, 25mm/s, 50mm/s ($\pm 3\%$)
Dimension		288mm \times 210mm \times 70mm (11.3in \times 8.3in \times 2.8in)
Weight	2.3kg	2.5kg
Display	192 \times 64 dots single color LCD screen	320 \times 240 dots single color LCD Screen 192 \times 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-V2.0-20110825

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 mode
- Automatic baseline adjustment
- Lead-off detection and alarm

Accurate Clinical Performances

- 12 leads simultaneous acquisition with optional 24 bits A/D converter
- 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 (option)



12 Leads Waveforms Display



Portable Design



One-button Operation

- Sensitivity Adjustment
- Mode Switch
- Start/Stop

PC-based ECG data management software

Ethernet
RS232

Report Printing

Import

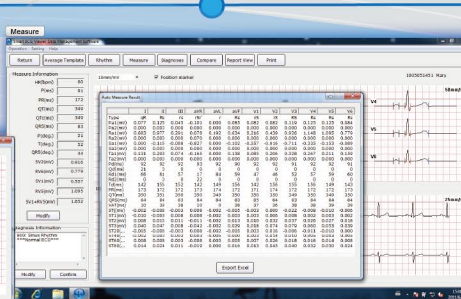
Export

Smart ECG Viewer

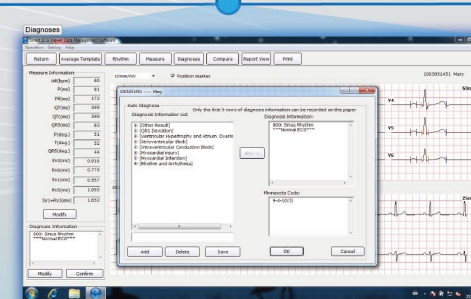
Intuitive interface to improve your work efficiency



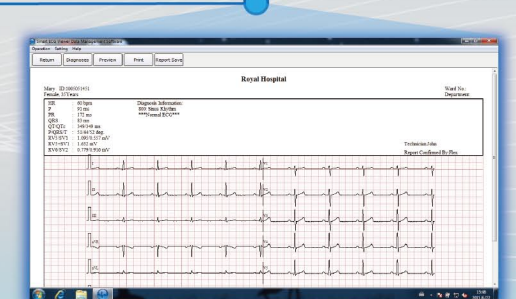
Measurements



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