



# SE-1200 Series

## 12-channel Electrocardiograph

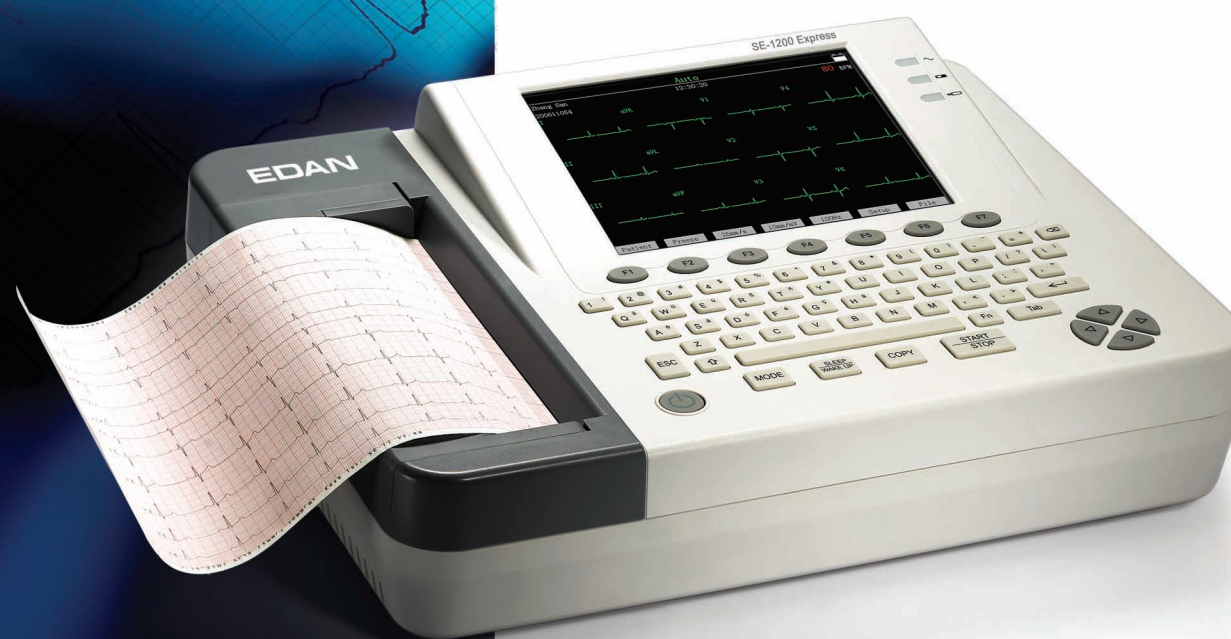
# EDAN

# SE-1200 Series

## 12-channel Electrocardiograph

### Technical Specifications:

	SE-1200 Twelve-Channel ECG	SE-1200 Express Twelve-Channel ECG
Input Circuit	Defibrillator protection built-in	
Lead	Standard 12 leads	
Acquisition Mode	simultaneous 12 lead acquisition (10-24 seconds adjustable)	
A/D Converter	24 bits	
Input Voltage Range	± 5mVpp	
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	50MΩ (10Hz)	
Input Circuit Current	< 10nA	
Noise Level	< 12.5 μVp-p	
Anti Baseline Drift	Automatic	
Patient Leakage Current	< 10 μA (220V-240V)	
Patient Auxiliary Current	< 0.1 μA (DC)	
Filter	EMG filter 25Hz/35Hz/45Hz/OFF	
	DFT filter 0.05/0.15/0.25/0.5/0.32/0.67 Hz	
	Lowpass filter 150Hz/100Hz/75Hz	
	AC filter 50 Hz/60Hz	
CMRR	> 121dB	
Recording Mode	Auto/Manual/Rhythm	
Rhythm Lead	Single lead or three leads selectable	
Power Supply	AC:100V-240V, 50/60Hz	
Battery	Built-in rechargeable Li-ion battery: voltage=14.8V, for about 300 copies ECG printing	Built-in rechargeable Li-ion battery: voltage=14.8V, for about 350 copies ECG printing
Record	Thermal Printer	
Record Paper	Roll and Z-fold	
Paper Width	216mm, 210mm width	
Record Speed	5mm/s, 10mm/s, 12.5mm/s, 25mm/s, 50mm/s (± 3%)	
Dimension	420mm x 330mm x 120mm	
Display	320 x 240 dots monochrome LCD	800 x 600 dots color LCD
External Input/Output	Input: > 100KΩ; Sensitivity 10mm/V ± 5%	
	Output: < 100Ω; Sensitivity 1V/mV ± 5%	
Communication Interface	Ethernet, RS232	



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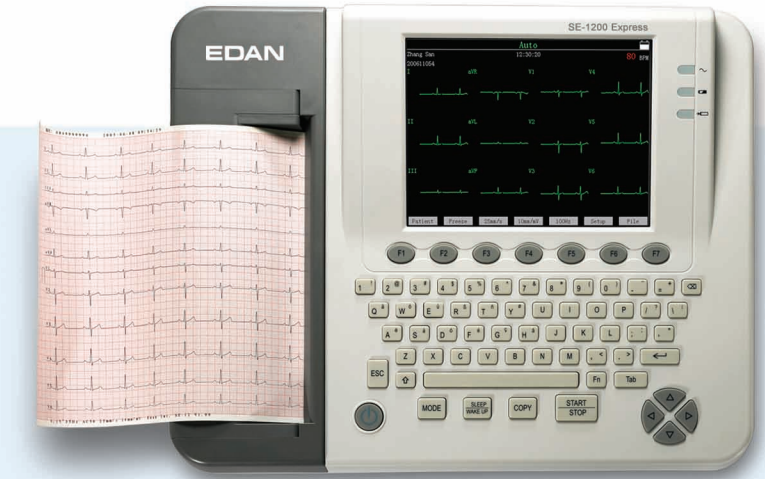
ENG-ECG-SE1200 -V1.7-20100414

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Features and specifications are subject to change without notice

# SE-1200 Series Twelve-channel ECG

- Compact, lightweight design with carrying handle
- 5.7 inch LCD screen
- Digital filters for baseline, AC and EMG interference resistance
- Standby mode for energy saving
- Built-in Ethernet and RS-232 interfaces for PC connection
- USB port for data transmission and external jet-printer connection
- Internal 100 ECGs storage

SE-1200

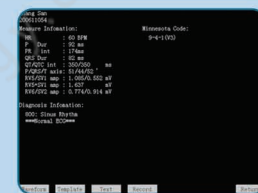
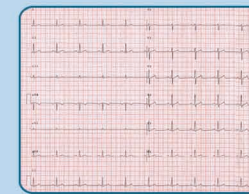


## SE-1200 Express

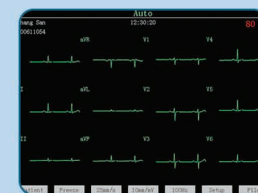
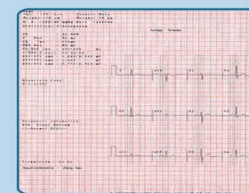
- High-resolution color screen with touch function
- Alphanumeric keyboard
- Internal 200 ECGs storage
- Waveforms and analysis result preview
- Waveform freezing and replay to capture arrhythmia
- Heart rate variability (HRV) analysis
- Trolley and cable bracket support



**Preview and print:** We make it possible to preview report for both real-time printing and file storage

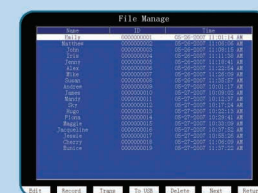
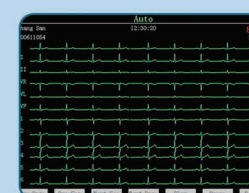


**Useful tools:** Average template waveform with accurate interpretation tested with CSE DATABASE (IEC 60601-2-51), which supplies measurement, diagnosis and Minnesota code

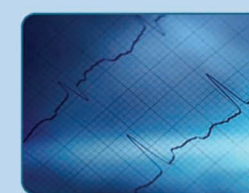


**Waveform Edit:** Doctor can edit the printing style, printing speed, sensitivity, and used filter to get better waveforms instead of repeating patient examination

**Replay and record:** Freeze and review waveform timely to grasp every arrhythmia



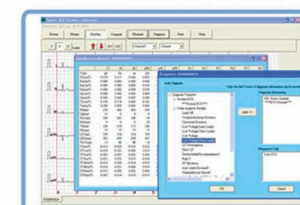
**File storage:** Internal storage including waveforms, measurement and diagnosis which could also be enlarged by flash disk or PC hard disk



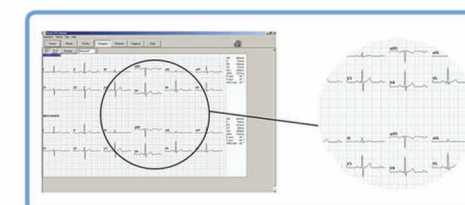
## Smart ECG Viewer



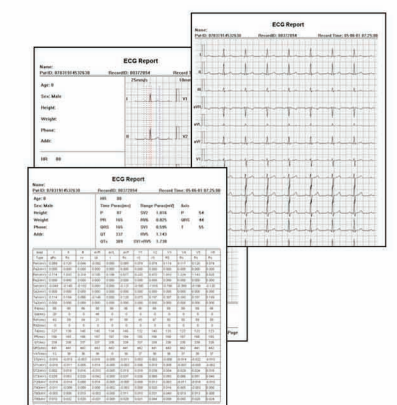
Manual Measurement



Interpretation



Compare Viewing for Different Examination



Multiple report Formats