



Twelve Channel ECG

	SE-12 Twelve Channel ECG	SE-12 Express Twelve Channel ECG
Input Circuit	Defibrillation 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	± 3mVpp	
Time Constant	≥ 3.2s	
Frequency Response	0.05Hz – 150Hz	
Calibration Voltage	1mV ± 2%	
Sensitivity	2.5, 5, 10, 20, 10/5, AEC (mm/mV)	
Input Impedance	50M Ω (10Hz)	
Input Circuit Current	< 15nA	
Noise Level	< 12.5 μVp-p	
Anti Baseline Drift	Automatic	
Patient Leakage Current	< 10 μA (200V-240V)	
Patient Auxiliary Current	= 0.1 μA (DC)	
Filter	EMG filter 25Hz/35Hz/45Hz/Off DFT filter 0.05/0.15/0.25/0.5/0.10/0.67Hz Lowpass filter 150Hz/100Hz/75Hz AC filter 50 Hz/60Hz	
CMRR	> 115dB	
Recording Mode	Auto/Manual/Rhythm/R-R Analyse	
Rhythm Lead	Single lead or three leads selectable	
Power Supply	AC:100V-240V, 50/60Hz	
Battery	Built-in rechargeable Li-ion battery; voltage=14.4V, for about 100 copies ECG printing	Built-in rechargeable Li-ion battery; voltage=14.4V, for about 400 copies ECG printing
Recorder	Thermal printer	
Record paper	Folded paper, Rolled paper	
Paper width	216mm, 210mm	
Record Speed	3mm/s, 10mm/s, 12.5mm/s, 25mm/s, 30mm/s (1- 3%)	
Dimension	420mm x 330mm x 105mm	420mm x 330mm x 120mm
Display	320 x 240 dot angle color LCD	800 x 600 multicolor LCD
External Input/Output	Input: ≥ 100KΩ; Sensitivity 10mm/V; ± 2% Output: < 100Ω; Sensitivity 1V/mV; ± 3%	
Communication ports	Ethernet, RS232	

Twelve Channel ECG

SE-12 & SE-12 Express



- 5.7-inch tiltable LCD screen
- Alphanumeric keyboard and one touch operation
- Sleep mode to save energy and extend LCD life
- Complete digital filters, resisting baseline drift, AC and EMC interference
- Automatic measurement and interpretation tested with authoritative CSE database
- Real-time waveform freezing
- 120s seconds ECG waveform reviewable
- Two-step exercise test with periodic recording
- Built-in rechargeable Li-ion battery
- 100 ECGs in internal memory


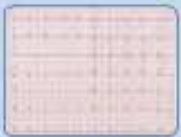








Option:

- PC-based data management software (Smart ECG Viewer)



SE-12

Twelve Channel ECG

	Preview and print: It's made it possible to preview reports for both real-time printing and file storage.	
	Digital methods: Average multiple waveforms together with automatic interpretation supported by authority CSE DATABASE (CSE-8000) (V5) which supports measurement, diagnosis and reference code.	
	Waveform preview: Displays with the printing cycle, automatically and allows setting to get better waveforms instead of repeated examination.	
	Replay and record: Freeze and review waveform backward and forward per second or page or group more waveforms than print out.	
	File storage and search: Patient data is stored on-charge including measurement, measurement and diagnosis which could also be enlarged by Disk drive or PC hard disk support report search from external memory.	



SE-12 Express

- 12.1 inch color touch-screen
- Alphanumeric keyboard and one touch operation
- Automatic measurement and interpretation tested with authoritative CSE database
- Real-time waveform freezing
- 120 seconds ECG waveforms reviewable
- Waveforms and diagnosis results preview before printing
- Automatic arrhythmia detection and recording
- 200 ECGs in internal memory
- Heart rate variability (HRV) analysis

Stress test option:

- Treadmills or bicycles and Suntech targo+ exercise blood pressure monitor supported
- Customized exercise protocols

ST analysis and reports

Other options:

- PC-based data management software (Smart ECG Viewer)
- Trolley and cable bracket

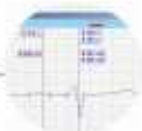


Stress Test upgradeable

Smart ECG Viewer



Manual Measurement



Interpretation



Compare Viewing for Different Examination

