



SMART ECG

Series Electrocardiograph



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CORAL-i
Solutions

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508 Nupen Crescent,
Halfway House, South Africa.
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www.coral-i.com

	SE-1200 Twelve Channel ECG	SE-1200 Express Twelve Channel ECG
Input Circuit	Floating input circuit, protection from defibrillation and pace maker	
Lead	Standard 12 leads	
Acquisition Mode	12 leads simultaneously	
A/D Converter	12 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	< 50nA	
Noise Level	<15 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 0.05/0.15/0.25/0.5Hz Lowpass filter 150Hz/100Hz/75Hz AC filter 50 Hz/60Hz	
CMRR	> 100dB	
Recording Mode	Auto/Manual/Rhythm	
Rhythm Lead	Single lead or three leads selectable	
Safety Standard	IEC I/CF	
Power Supply	AC:100V-240V, 50/60Hz	
Battery	Built-in rechargeable Li-ion battery; voltage=14.4V, for about 100 copy patient record	Built-in rechargeable Li-ion battery; voltage=14.4V, for about 400 copy patient record
Recorder	Thermal printer	
Record Paper	Roller and Z-fold 216mm, 210mm paper width	
Record Speed	5mm/s, 10mm/s, 12.5mm/s, 25mm/s, 50mm/s (± 3%)	
Dimension	420mm x 330mm x 105mm	420mm x 330mm x 120mm
Display	320 x 240 dot single color LCD	800 x 600 multicolor LCD
External Input/Output	Input: > 100KΩ; Sensitivity 10mm/V ± 5% Output: < 100Ω; Sensitivity 1V/mV ± 5%	
Communication Interface	Ethernet, RS232, USB	

Specification subject to change without prior notice



Edan Instruments, Inc.

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CORAL-

Solutions

- Compact, lightweight with folding handle to save space
- 5.7 inch screen for optimal viewing
- Digital filter avoid baseline drift, AC, EMG interference
- Standby mode for saving energy and extending LCD life
- Single button operation for sampling, analyse, printing and storage
- Ethernet and RS-232 interface for data transmission to PC
- USB port for data transfer and USB interface printer
- Internal storage for 100 patient data including waveforms and analyse

SE-1200




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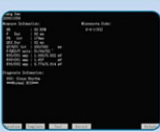
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Twelve Channel ECG




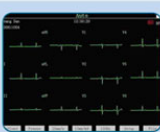
Preview and print: We make it possible to preview report for both real-time printing and file storage







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





Replay and record: Freeze and review waveform backward and forward per second or page then print out to grasp every arrhythmia





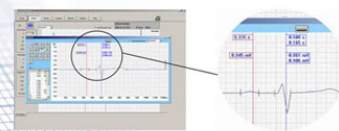
File storage: Internal storage for up to 200 patient data including waveforms, measurement and diagnosis which could also be enlarged by flash disk or PC hard disk



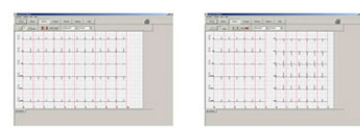
SE-1200 Express

- 8.4 inch high-resolution color touch-screen
- Alphanumeric keyboard
- Internal storage for 200 patient data
- Preview for waveforms and analysis result before printing
- Freeze and replay the waveform then pause to find lost arrhythmia
- Waveforms reviewable, adjustable and recordable to grasp every arrhythmia
- Heart rate variability (HRV) analysis
- Support trolley and cable bracket

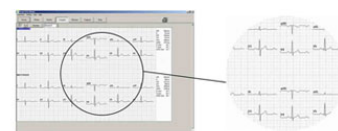
Smart ECG-Viewer



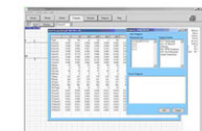
Manual Measurement



Rhythm Viewing



Compare Viewing for Different Examination



Auto Measurement Result



Various Printing Format