

EDAN

SE-6

Six-Channel Electrocardiograph

Features:

Simple, Fast and Reliable

- 5.7 inch foldable LCD screen
- Alphanumeric keyboard and one-button operation
- Built-in rechargeable Li-ion battery
- Data transfer to PC via Ethernet or RS232 port
- Sleep mode to save energy and extend LCD life
- 12 leads acquisition simultaneously
- Real-time waveform freezing
- Auto-arrhythmia detection
- Two minutes waveform reviewable
- 100 ECGs in internal memory
- Automatic measurement and interpretation tested with authoritative CSE database

Optional: PC-based data measurement and management software (Smart ECG Viewer)





SE-6

Six-channel Electrocardiograph

Technical Specifications:

SE-6 Six-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	$\pm 5\text{mVpp}$
Time Constant	$> 3.2\text{s}$
Frequency Response	0.05Hz ~ 150Hz
Calibration Voltage	1mV \pm 2%
Sensitivity	2.5, 5, 10, 20, 10/5, AGC (mm/mV)
Input Impedance	50M Ω (10Hz)
Input Circuit Current	$< 10\text{nA}$
Noise Level	$< 12.5\ \mu\text{Vp-p}$
Anti Baseline Drift	Automatic
Patient Leakage Current	$< 10\ \mu\text{A}$ (220V-240V)
Patient Auxiliary Current	$< 0.1\ \mu\text{A}$ (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	$> 121\text{dB}$
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 copies ECG continuous printing
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 ($\pm 3\%$)
Dimension	420mm x 330mm x 105mm
Display	320 x 240 dots monochrome
External Input/Output	Input: $> 100\text{K}\Omega$; Sensitivity 10mm/V $\pm 5\%$ Output: $< 100\ \Omega$; Sensitivity 1V/mV $\pm 5\%$
Communication Interface	Ethernet, RS232



Edan Instruments, Inc.

3F-B, Nanshan Medical Equipments Park, Nanhai Rd 1019#, Shekou, Nanshan, Shenzhen, 518067 P.R. China
Tel: 86-755-2689 8326 Fax: 86-755-2689 8330 www.edan.com.cn Email: info@edan.com.cn



ENG-ECG-SE6 -V1.1-20090418