

SE6 Smart ECG



SE6

Compact design; light weight with carrying handle. 5.7 inch, high resolution screen

Data Transfer

USB Interface for transmission of patient records. Ethernet or RS-232 interface for networking or data transmission to PC.

Easy To Use And Analyse

- Single button operation for printing and storage
- Rechargeable Lithium-ion battery
- Automatically detect and record arrhythmia
- Last 120 second waveforms are reviewable and recordable
- Internal storage for up to 100 digital ECG records
- Accurate ECG interpretation program
- PC software: Smart ECG Viewer (Optional)



Unique Features

- Standby mode for saving energy and extending screen life
- Various printing formats
- Freeze real time waveform and record with selected format



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Technical Specification

SE6 ECG		SE6 ECG	
INPUT CIRCUIT	Floating input circuit, circuit protection from defibrillation and pace maker	PATIENT AUXILIARY CURRENT	< 0.1µA DC
LEAD	Standard 12 lead	FILTER	EMG Filter: 25 / 35 / 45Hz / OFF DFT Filter: 0.05 / 0.15 / 0.25 / 0.5Hz Low Pass Filter: 150 / 100 / 75Hz AC Filter: 50 / 60Hz
ACQUISITION MODE	12 leads simultaneously		
A/D CONVERTER	12 bits	CMRR	>110dB
INPUT VOLTAGE RANGE	+/- 5mVpp	RECORDING MODE	Auto / Manual / Rhythm
TIME CONSTANT	>3.2s	RHYTHM LEAD	Single lead or three leads selectable
FREQUENCY RESPONSE	0.05 Hz ~ 150 Hz	SAFETY STANDARD	IEC I/CF
CALIBRATION VOLTAGE	1mV +/- 2%	POWER SUPPLY	AC 100-250V, 50 / 60Hz
SENSITIVITY	2.5, 5, 10, 20, 10/5, AGC (mm/mV)	BATTERY	Rechargeable Lithium-ion. 14.4 V
INPUT IMPEDANCE	50 M (10Hz)	PRINTER	Thermal Printer
INPUT CIRCUIT CURRENT	<50nA	RECORD PAPER	Roll & Z-fold 215, 210mm paper width
NOISE LEVEL	<12.5 µ Vp-p	RECORD SPEED	5 / 10 / 12.5 / 25 / 50 mm/sec (+/- 3%)
ANTI BASELINE DRIFT	Automatic	DIMENSION	420 x 330 x 105 mm 420 x 330 x 120 mm
PATIENT LEAKAGE CURRENT	< 10 µA (220—240V)	DISPLAY	320 x 240 single colour LCD 800 x 600 multicolour LCD
COMMUNICATION INTERFACE	Ethernet, RS232, USB	EXTERNAL INPUT / OUTPUT	Input: > 100K ; sensitivity 10mV/V +/- 5% Output: < 100 ; sensitivity 1V/mV +/- 5%



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