

ECG-1103

Digital Three Channel ECG Series



ECG-1103
Class B



ECG-1103
Class G



ECG-1103
Class L

Features

- Light in weight, compact in size
- Three kinds of operation mode:
Automatic, Manual, Analysis
- Standard lead mode or European lead mode available
- Automatic measurement and interpretation
- Detection and alarm of Lead-off, No Paper, No Battery
- Built-in ECG simulator
- Built-in rechargeable lithium battery with high capacity
- Automatic adjustment of baseline for optimal recording
- RS232 communication interface in standard configuration for connecting with special network, PC or setting up of ECG database, option Blue Tooth interface
- Build-in Help Function: electrode positioning, ECG basic knowledge, common trouble-shooting, etc. (not available in Class B machine)
- Clinical information such as patient ID, name, sex, age, height, weight, drugs and hospital name can be input
- Case Storage function: 15 cases can be saved in the machine or as much as 150 cases in a SD card. Saved ECG waveforms can be cine-looped, printed out or transferred to PC (not available in Class B machine)



Technical Specifications

Safety Standard:	IEC Class I, type CF
Acquisition Mode:	12 lead acquisition simultaneously
Input Circuit:	Floating, protection against defibrillator and pacemaker
A/D Converter:	18 bit
Time Constant:	$\geq 3.2s$
Frequency Response:	0.05Hz ~ 150Hz
Sensitivity:	2.5, 5, 10, 20 (mm/mV), Auto
Input Impedance:	$\geq 50M\Omega$
Input Circuit Current:	$\leq 50nA$
Calibration Voltage:	1mV \pm 2%
Noise Level:	<15 μ Vp-p
Anti Baseline Drift :	Automatic
Filter:	EMG Filter: 35Hz~45Hz (-3dB) ADS Filter: Auto(0.15-0.50Hz) HUM Filter: 50Hz/60Hz (-20dB)
CMRR:	>100dB (with AC filter)
Patient Current Leakage:	<10 μ A
Paper Speed:	6.25/12.5/25/50 mm/s
Recording Paper:	50mm(width), 20m/30m(length), roll/Z-fold
Power Supply:	AC: 110/220V, 50/60Hz; 85V~265V(Option) DC: 14.4V, built-in rechargeable lithium battery
Dimension:	345mm \times 300mm \times 80mm; 400mm \times 180mm \times 355mm(Carton)
Net Weight:	2.5kgs
Gross Weight:	4.5kgs



LCD Specification	ECG-1103	LCD Type	Paper Width	HELP
	Class B	160*32 Graphic	63MM	NO
	Class G	3.8inch Graphic	63MM	YES
	Class GW	3.8inch Graphic	80MM	YES
	Class L	5.7inch Graphic	63MM	YES
	Class LW	5.7inch Graphic	80MM	YES