



ECG-1106L

Digital Six-Channel ECG



Electrocardiograph

Features

- 5.6 inch color LCD touch screen, 12-lead simultaneously acquisition
- 5000 ECG files can be saved, more ECG files can be stored via USB port
- Freeze, Pre-10-second print and Trigger print function to observe any abnormal ECG waveforms
- HR detection alarm and pacemaker detection supported
- Cine-loop function: saved ECG waveform can be played back
- Auto-save function: users can choose whether to automatically save the files with the printout or not
- Support magnetic card reader, bar code scanner, make information input more conveniently
- Support external laser printer to achieve A4 size report output
- Data management software on PC(optional)
- Reliable automatic measurement & Interpretation tested with CSE&AHA database

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Basic Specification

Input Circuit:	Floating, protection against defibrillator and pacemaker detection
Lead:	Standard 12-lead
Input Impedance:	$\geq 50\text{MO}$
Input Circuit Current :	$\leq 50\text{nA}$
Leakage Current :	$< 10\mu\text{A}$
Calibration Voltage:	$1\text{mV} \pm 2\%$
A/D Convertor:	24bits
Frequency Response:	0.05Hz~165Hz (-3dB)
Time Constant:	$\geq 3.2\text{s}$
Noise Level:	$< 12\mu\text{Vp-p}$
Filter:	AC: 50/60Hz (-20dB); EMG: 25Hz/35Hz/45Hz(-3dB); ADS and Baseline auto-adjustment
Sensitivity:	AUTO, 2.5, 5, 10, 20, 40 (mm/mV $\pm 5\%$)

Record Data

Measurement:	HR, PR/QT/QTC Interval, P/QRS/T Axis etc.
Patient Data:	Date, Time, ID, Name, Gender, Age, Height, Weight etc.
System Data:	Sensitivity, Speed, Institution etc.
Analysis Report:	On/Off selectable

Print System

Printer:	High speed and sensitivity thermal dot recording system
Speed:	5, 6.25, 10, 12.5, 25, 50(mm/s, $\pm 3\%$)
Paper:	Roll paper 112mm $\times$ 20m(30m)

Power Source

AC :	100V-240V($\pm 10\%$) , 50/60Hz($\pm 1\text{Hz}$)
DC :	More than 2-hour continuous operation time with lithium battery after fully charged

Input&Output

Safety Classification:	Type CF
Safety Standard:	MDD93/42/EEC, IEC60601-2-25, IEC60601-1, IEC60601-2-51:2003, ANSI/AAMI EC-11, EN 1441-1997

Input&Output

External Input:	10mm/V $\pm 5\%$; Input Impedance= 100KO
External Output:	1.0V/mV $\pm 5\%$; Output Impedance= 100Ω

Size&Weight

Equipment Size:	345 x 300 x 80mm
Carton Size:	400 x 180 x 355mm
Net Weight:	2.5Kg(battery included)
Gross Weight:	4.5Kg



USB



USB



Laser Printer



Magnetic
Card Reader



Bar Code
Scanner

Shenzhen Carewell Electronics Co., Ltd.

※ Specification subject to change without prior notice

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