



DECG-03A NEW ELECTROCARDIOGRAPH

- Automatic ECG measurement and analysis
- Complete digital filter to avoid baseline drifting and interfering from AC, EMG
- Auto-adjusts baseline to optimize printing position
- Full digital processing
- Simultaneous 12-lead acquisition
- Thermal recorder with high resolution printing
- Up to 4-hour battery working time
- Auto/manual operation mode
- Lead-off detection and display
- Selectable printing formats: standard 3 leads, rhythm lead, 3/2 leads, manual 1 lead
- 100 patient data storage

DECG-03A

ELECTROCARDIOGRAPH

Technical Specifications

Specification

Input Circuit	Floating input circuit, protection from defibrillation and pacemaker
Lead	Standard 12 leads
Acquisition Mode	12 leads simultaneously
A/D Converter	12 bit
Measurement Range	$> \pm 5\text{mVpp}$
Time Constant	$\geq 3.2\text{s}$
Frequency Response	0.05Hz ~ 150Hz
Calibration Voltage	$1\text{mV} \pm 3\%$
Sensitivity	2.5, 5, 10, 20 (mm/mV)
Input Impedance	$> 50\text{M}\Omega$
Input Circuit Current	50nA
Noise Level	$< 15 \mu\text{Vp-p}$
Anti Baseline Drift	Automatic
Patient Current Leakage	$< 10 \mu\text{A}$ (220V-240V/50Hz)
Patient Auxiliary Current Leakage	$< 0.1 \mu\text{A}$ (DC)
Filter	EMG filter 35Hz (-3dB) AC filter 50Hz/60Hz (-20dB)
CMRR	$> 100\text{dB}$
Recording Mode	Auto/Manual
Rhythm Lead	Any lead selectable
Lead selection	Auto/Manual
Safety Standard	IEC I/CF
Power Supply	AC: 100V-115V/220V-240V, 50/60Hz Built-in rechargeable Li-ion battery: voltage=14.4V More than 3 hrs continuously operation
Recorder	Thermal printer
Record Paper	80mm×20mm
Paper Speed	5mm/s, 10mm/s, 25mm/s, 50mm/s ($\pm 3\%$)
Dimension	300mm×260mm×75mm
Weight	2.5kg (with battery)
Display	320×240 pixels LCD
External Input/Output	Input: $\geq 100\text{k}\Omega$; Sensitivity 10mm/V $\pm 5\%$ Output: $\leq 100\Omega$; Sensitivity 1V/mV $\pm 5\%$
Communication Interface	RS232

Temperature	-20°C ~ 55°C
Relative Humidity	25% ~ 90%
Atmospheric Pressure	70kPa ~ 106kPa
Working Temperature	5°C ~ 40°C
Relative Humidity	25% ~ 80%
Atmospheric Pressure	70kPa ~ 106kPa

Option

Input-Output connecting cable
Recording Paper (80mm×20m)

Environment Conditions

Transport and Storage



MINDRAY



DISTRIBUTOR: