



# CARDIOTECH GT-300/GT-350

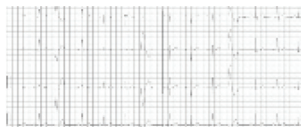
## ECG / EKG MACHINE

Excellent cost performance with built-in high-resolution thermal printer. You can record 12 ECG traces on A4 size and US Letter-size paper.

### FEATURES

- Compact, lightweight design with folding handle to save space
- 8" inch color screen for optimal viewing
- Digital filter avoid baseline drift, AC, EMG interference
- Standby mode for saving energy and extending LCD life
- Single button operation for sampling, analyse, printing and storage
- Ethernet data transmission to PC
- OnBoard PDF Creator w/ USB port for data transfer
- Internal storage for 100 patient data including waveforms and analyse
- Optional XML and DICOM output
- Full Keyboard
- Real Time Waveform Freeze
- Built-in rechargeable battery

GT-350 adds the following features. Touch Screen. 200EKG Memory.



### 12 CHANNEL ECG

- Preview and print: We make it possible to preview report for both real-time printing and file storage
- Useful tools: Average template waveform together with accurate interpretation appreciated by authority CSE DATABASE (IEC 6061-2-51) which supplies measurement, diagnosis and Minnesota code
- Replay and record: Freeze and review waveform backward and forward per second or page then print out to grasp every arrhythmia
- File storage: Internal storage for up to 200 patient data including waveforms, measurement and diagnosis which could also be enlarged by flash disk or PC hard disk

## TECHNICAL SPECIFICATIONS

### GT-300

Input Circuit	Floating input circuit, protection from defibrillation and pace maker
Lead	Standard 12 leads
Acquisition Mode	12 leads simultaneously
A/D Converter	12 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 $\Omega$ (10Hz)
Input Circuit Current	$< 50\text{nA}$
Noise Level	$< 15 \mu\text{Vp-p}$
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 0.05/0.15/0.25/0.5 Hz Lowpass filter 150Hz/100Hz/75Hz AC filter 50 Hz/60Hz
CMRR	$> 100\text{dB}$
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 copy patient record
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 420mm x 330mm x 120mm
Display	Color LCD with Touch Screen
External Input/ Output	Input: $> 1001< 0$ ; Sensitivity 10mm/V $\pm 5\%$ Output: $< 1000$ ; Sensitivity 1V/mV $\pm 5\%$
Communication Interface	Ethernet, RS232, USB

### GT-350



Built-in rechargeable Li-ion battery: voltage=14.4V, for about 400 copy patient record

## 2 PC CONNECTION OPTIONS

- 1) This machine will Create a PDF onboard with no additional software and a USB thumb drive.
- 2) Optional Smart ECG Viewer software allows networking and easy archiving for all of your patient records.