

# CARDIOTECH GT-200

ECG / EKG MACHINE

## FEATURES

- FDA Approved
- Heart rate variability (HRV) & R to R Trending analysis
- Portable, lightweight design
- Easy data input and operation
- Alphanumeric keyboard and one-touch operation
- Built-in rechargeable battery, AC/DC power supply
- Pacemaker detection which meet the requirements of ANSI/AAMI EC11
- Automatic analysis and diagnostic software for adults and pediatrics
- Two-step exercise test with periodic recording
- Internal thermal printer and external printer
- Support external archiving: USB flash disk, card reader
- Data transmission to PC via Ethernet or serial port
- 2 year extended warranty available for \$ 299



## GT-201



## GT-202



## TECHNICAL SPECIFICATIONS

### GT-200

Input Circuit	Defibrillation protection built-in
Lead	Standard 12 leads
Acquisition Mode	simultaneous 12 lead acquisition (10-24 seconds adjustable)
A/D Converter	24 bits
Sampling Rate	1000Hz/channel, 10,000Hz for pacemaker detection
Input Voltage Range	$\pm 5\text{mVpp}$
Time Constant	$> 3.2\text{s}$
Frequency Response	0.05Hz - 150Hz
Calibration Voltage 1mV $\pm$ 2%	1mV $\pm$ 2%
Sensitivity	2.5, 5, 10, 20, 10/5, AGC (mm/mV)
Input Impedance	$> 50\text{M } \Omega$
Input Circuit Current	$< 10\text{nA}$
Noise Level	$< 12.5 \mu\text{Vp-p}$
Patient Leakage Current	$< 10 \mu\text{A}$ (220V-240V)
Patient Auxiliary Current	$< 0.1 \mu\text{A}$ (DC)
Filter	Filter EMG filter 25Hz/35Hz/45Hz/OFF Anti-baseline drift 0.05/0.15/0.25/0.5 Low-pass filter 75Hz/100Hz/150Hz AC filter 50 Hz/60Hz
CMRR	$> 115\text{dB}$
Recording Modes	Auto/Manual/Rhythm/
Rhythm Lead	Single lead or three channels selectable AC: 100V-240V, 50/60Hz
Power Supply	Built-in rechargeable Li-ion
Battery	2200mAh@14.8V for 6 hours general use or 280 copies ECGs continuous printing
Recorder	Thermal printer
Recording Paper	10mm*140mm*144P (Z-fold)
Record Speed	5mm/s, 6.25mm/s, 12.5mm/s, 25mm/s, 50mm/s ( $\pm 3\%$ )
Dimension	322mm x 310mm x 101mm 3.5 inch STN LCD.
Display	192*64 dots
External Input/ Output	Input: $> 100\text{K } \Omega$ ; Sensitivity 10mm/V $\pm 5\%$ Output: $< 100 \Omega$ ; Sensitivity 1V/mV $\pm 5\%$
Communication ports	Ethernet, RS232

### GT-201

3.5 inch STN LCD.  
320\*240 dots

### GT-202

5.7 inch TFT color LCD  
640\* 480 dots