



PC-based EGG GT-500 provides you an affordable and portable 12-channel EGG solution with powerful data analysis functions.

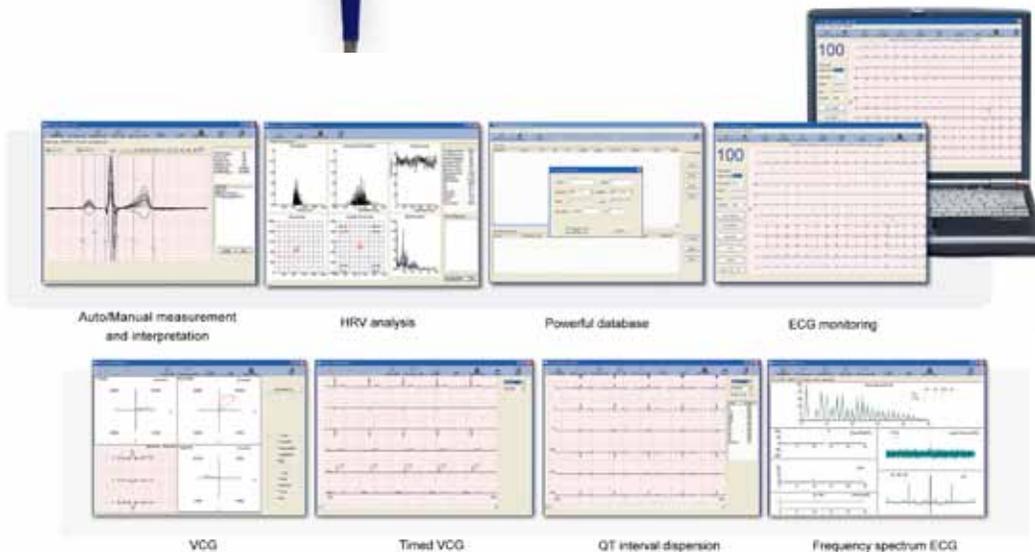
Cardiotech GT-500

PC ECG



FEATURES

- Simultaneous 12 leads acquisition
- Real-time ECG waveform display on PC screen
- Auto/Manual measurement and interpretation
- Huge data storage and powerful data management software
- Word , PDF and JPG format reports transferred via E-mail
- Stress test (option)
- 30s-360s HRV analysis
- Advanced analysis functions: VCG,Timed VCG,QT dispersion,Frequency spectrum ECG (option)

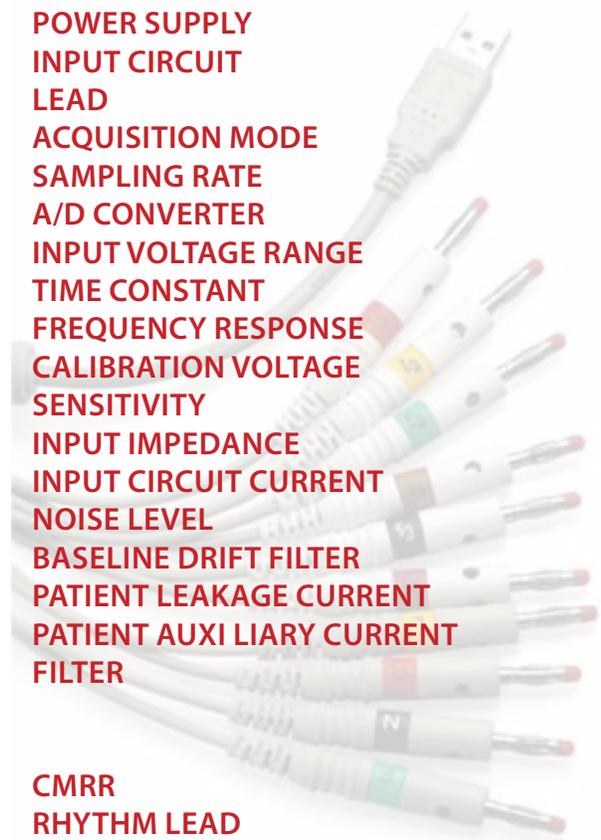




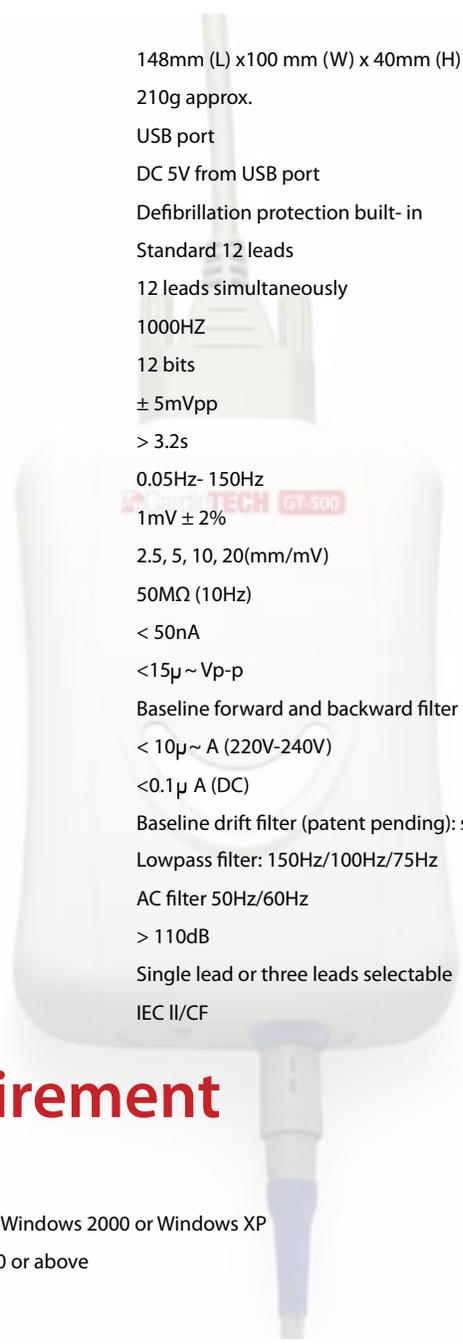
GT-500 Technical Specifications

- DIMENSIONS
- WEIGHT
- CONNECTION WITH PC
- POWER SUPPLY
- INPUT CIRCUIT
- LEAD
- ACQUISITION MODE
- SAMPLING RATE
- A/D CONVERTER
- INPUT VOLTAGE RANGE
- TIME CONSTANT
- FREQUENCY RESPONSE
- CALIBRATION VOLTAGE
- SENSITIVITY
- INPUT IMPEDANCE
- INPUT CIRCUIT CURRENT
- NOISE LEVEL
- BASELINE DRIFT FILTER
- PATIENT LEAKAGE CURRENT
- PATIENT AUXILIARY CURRENT
- FILTER

- CMRR
- RHYTHM LEAD
- SAFETY STANDARD



148mm (L) x100 mm (W) x 40mm (H)
 210g approx.
 USB port
 DC 5V from USB port
 Defibrillation protection built-in
 Standard 12 leads
 12 leads simultaneously
 1000HZ
 12 bits
 $\pm 5mV_{pp}$
 $> 3.2s$
 0.05Hz- 150Hz
 1mV $\pm 2\%$
 2.5, 5, 10, 20(mm/mV)
 50M Ω (10Hz)
 $< 50nA$
 $< 15\mu \sim V_{p-p}$
 Baseline forward and backward filter (patent pending)
 $< 10\mu \sim A$ (220V-240V)
 $< 0.1\mu A$ (DC)
 Baseline drift filter (patent pending): strong/weak/off
 Lowpass filter: 150Hz/100Hz/75Hz
 AC filter 50Hz/60Hz
 $> 110dB$
 Single lead or three leads selectable
 IEC II/CF



PC Requirement

- OPERATION SYSTEM:** Windows 2000 or Windows XP
- CPU:** Pentium P4, Celeron D 310 or above
- RAM:** 256MB or above
- HDD:** 40G or above
- INTERFACE:** At least 2 USB ports free