

*“ Connecting from
heart to heart ”*

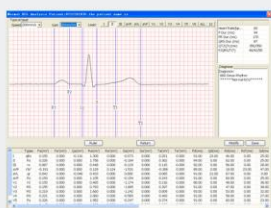
SE-1010 Series PC ECG

Features

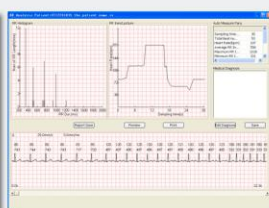
- Simultaneous 12 leads acquisition and recording, economical solution for 12 channel ECG
- Integrated data sampling module and software, compact solution for ECG examination
- Real-time ECG waveforms display on large PC screen
- Auto /Manual measurement and interpretation
- Unlimited storage database based on PC
- Support normal printer for ECG recording
- WORD, PDF and JPG reports can be transferred via E-mail
- 30s-360s HRV (heart rate variability) sampling and analysis
- Stress test and stress blood pressure monitor options

Solution

PC ECG includes data sampling module and interpretive software which could be installed on desktops or laptops. We provide two solutions for data communication: USB connection (SE -1010) and wireless connection (SE-1010WL, coming soon) to meet different requirements of hospitals, physician offices and laboratories.



Auto /Manual measurement and interpretation



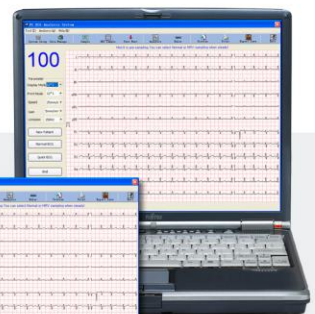
HRV analyse for investigating neurocardiac regulation



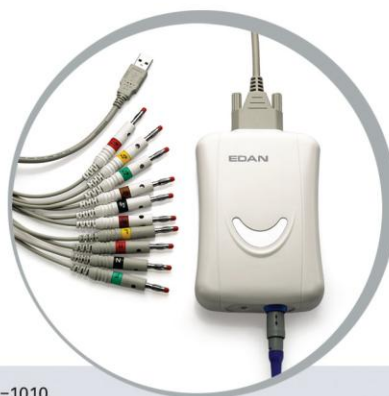
Convenient database



ECG monitoring



SE-1010 Series PC ECG



Technical specification:

SE-1010	
Dimensions	148mm (L) × 100 mm (W) × 40mm (H)
Weight	about 210g
Connection to PC	USB port
Power Supply	DC 5V from USB port (ECG sampling box power supply)
Input Circuit	Floating input circuit, protection from defibrillation and pace maker
Lead	Standard 12 leads
Acquisition Mode	12 leads simultaneously
Sampling rate	1000HZ
A/D Converter	12 bits
Input Voltage Range	± 5mVpp
Time Constant	> 3.2s
Frequency Response	0.05Hz ~ 150Hz
Calibration Voltage	1mV ± 2%
Sensitivity	2.5, 5, 10, 20 (mm/mV)
Input Impedance	50M Ω (10Hz)
Input Circuit Current	< 50nA
Noise Level	<15 μ Vp-p
Baseline drift filter	Baseline forward and backward filter (patent pending)
Patient Leakage Current	< 10 μ A (220V-240V)
Patient Auxiliary Current	<0.1 μ A (DC)
Filter	EMG filter : 25Hz/35Hz/45Hz/off Baseline drift filter (patent pending) : strong/weak/off Lowpass filter : 150Hz/100Hz/75Hz AC filter : 50 Hz/60Hz
CMRR	> 110dB
Rhythm Lead	Single lead or three leads selectable
Safety Standard	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 free USB port

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