

SE-1010

PC ECG

Flexible Solutions



Wired



Wireless

Specification

	Wired	Wireless
Physical Characteristics:		
Dimensions	148mm×100mm×40mm (5.8in×3.9in×1.6in)	Transmitter: 63mm×107mm×23mm (2.5in×4.2in×0.9in) Receiver: 155mm×100mm×30mm (6.1in×3.9in×1.2in)
Weight	Approx.210g	Transmitter: Approx.113g (not including battery) Receiver: Approx.173g
ECG Sampling Box Performance		
Leads Mode	12 standard leads/Cabrera leads	
Acquisition Mode	Simultaneous 12 leads acquisition	
Sampling Rate	1,000/sec/channel	10,000/sec/channel (sampling) 500/sec/channel (analysis)
A/D Resolution	24 bits	18 bits
Time Constant	≥3.2s	
Frequency Response	0.05Hz~150Hz (-3dB)	
Gain	2.5mm/mV, 5mm/mV, 10mm/mV, 20mm/mV	
Input Impedance	≥50MΩ (10Hz)	≥20MΩ (10Hz)
Input Circuit Current	≤0.05μA	
Input Voltage Range	≤±5mVpp	
Calibration Voltage	1mV ±2%	
DC Offset Voltage	±600mV	±500mV
Noise	≤12.5μVp-p	≤15μVp-p
Filter	AC Filter: ON/OFF DFT Filter: weak/strong LOWPASS Filter: 25Hz/35Hz/45Hz/75Hz/100Hz/150Hz	
CMRR	≥115dB	≥105dB

EDAN

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EDAN

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Care for Health

EDAN

SE-1010 PC ECG

With a data acquisition module and a set of comprehensive software program for acquiring, analyzing, storing and review 12-channel ECGs, SE-1010 PC ECG system provides all-in-one solutions for both resting ECG and stress test.



Wired and wireless solutions make your options more flexible.

ECG Reports

Multi formats ECG reports export and can be sent by email to streamline your workflow.



Wired Solution

Wired solution provides you with simplified installation.

Wireless Solution

Wireless solution provides the freedom of patients and clinicians during the stress test.



12-channel Resting ECG

- Clear and reliable ECG waveforms acquisition
- Accurate measurements and interpretation tested with CSE/MIT/AHA database

Comprehensive Analysis

- Vector ECG, Timed VCG, Signal Average Electrocardiogram (SAECG)
- Heart Rate Turbulence (HRT), QT interval Dispersion
- High Frequency ECG, Frequency Spectrum cardiogram

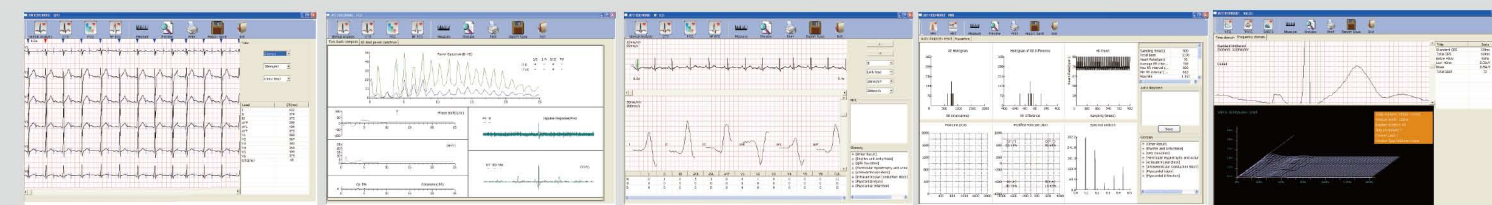
Versatile Report

- PDF, FDA-XML, SCP, DICOM, JPG, BMP and DOC format reports transferrable via E-mail
- Compatible with GDT systems

Stress test (Option)

- Wired and wireless solutions
- Compatible with reputable treadmills and bicycles
- Support exercise blood pressure monitor
- Customized exercise protocol in addition to Bruce and Modified Bruce

PC-based ECG SE-1010 offers you an affordable and portable 12-channel ECG solution with complete data analysis functions.



QT Interval Dispersion

HF ECG

FCG

HRV

SAECG