

# ENDO EXERCISE ECG TEST + TREADMILL





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With a data acquisition module and a set of comprehensive software program for acquiring, analyzing, storing and review 12-channel ECG's, ENDO Exercise ECG Test + Treadmill system provides all in one solutions for both resting ECG and 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



## 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.



PC: Windows XP SP2/SP3, Windows 7 (32/64 bit), Windows Vista (32/64 bit)  
Tablet: Windows 7 (32/64 bit)

### Ability to work with both PC & Tablet

ENDO Exercise ECG Test + Treadmill offers you flexibility to view ECG traces on both PC and Tablet

### Wired Solution

Wired solution provides you with simplified installation.

### Wireless Solution

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



ENDO Exercise ECG Test + Treadmill offers you an affordable and portable 12-channel ECG solution with complete data analysis functions.



QT Interval Dispersion

HF ECG

FCG

HRV

SAECG



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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