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Stress Test Machine ECG-1212ST



Cardiology

ECG - 1212ST

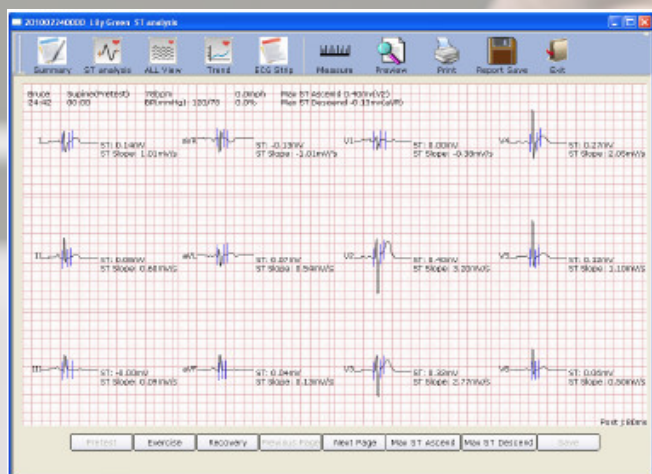
Stress Test Machine

Fully Programmable and High Fidelity.
Non-invasive continuous monitoring of
heart rate and rhythm during normal
daily activities

Cardiology

Features

Powerful functions, friendly interfaces and easy operation.
Stress-Test function.
Compact and portable design.
Standard arrhythmia detection.
3,6 & 12 leads real-time waveforms and ST segment.
ECG waves can be frozen and reviewed.
Supports auto measurement and diagnosis.
Full disclosure waveform analysis and ST Average Com-plexes analysis.
ST average complexes analysis.
Trend graphs display.
Automatic baseline corrections.
Controls treadmill, bicycle and exercise blood pressure devices.
USB and wireless connection.
Reports can be printed in PDF, Word, JPG or BMP format.
Supports multi-language.
High performance filters.
Real-time analysis, real-time displaying and printing.
12-lead simultaneous ECG Waveforms.
Supporting many kinds of treadmills and ergometers.
Automatic control and adjustment of the speed and elevation of the treadmill.
Providing specific statistic data of each lead in each stage Convenient operation of system setup and file management.
Transmitting ECG Data in SCP/XML/PDF/DOC/JPG format.
Meets ISO 13485 Quality Standard.
Two years warranty.



2 YEARS
warranty

Technical Specifications

Physical Specifications	Dimensions Weight	ECG Sampling Box 148mm (L) x 100mm (W) x 40mm (H) ECG Sampling Box about 210g)
ECG	Leads Mode Acquisition Mode Sample Frequency A/D Resolution Time Constant Frequency Response Gain Input Impedance Input Circuit Current Input Voltage Range Calibration Voltage DC Offset Voltage Noise	12 standard leads/ Cabrera leads Simultaneously 12 leads 10,000 /sec/channel (sampling) 500 /sec/channel (analysis) 24 bits ≥3.2 s 0.05 Hz ~ 150 Hz (-3 dB) 2.5 mm/mV, 5 mm/mV, 10 mm/mV, 20 mm/mV ≥20 MΩ (10Hz) ≤0.05 μA <±5 mVpp 1 mV± 2% ±600mV ≤12.5μVp-p
Filter	Work Frequency DFT Filter LOWPASS Filter CMRR	On/Off Weak / Strong 25 Hz / 35 Hz / 45 Hz / 75 Hz / 100 Hz / 150 Hz ≥110 dB
Pacemaker	Amplitude Width Sampling Frequency	±2 to ±700 mV 0.1 to 2.0 ms 10,000 /sec/channel
HR Recognition	Technique HR Range Accuracy	Peak-peak detection 30 BPM ~300 BPM ±1 BPM
PC	Operating Voltage Operating Frequency ECG Sampling Box Memory Display Content	110V-240V 50 Hz/60 Hz Input Power: 1 VA(MAX), 0.5 VA(MIN) Storage amount depends on PC machine System name, Patient ID, Patient name Hear rate, Display mode, Printing mode Speed, Gain, Lowpass Filter, Hint information, ECG waves
Recording	Channel Paper Speed Recording Paper Record message	3 / 6 / 12 channels, auto baseline adjustment 5 mm/s, 10 mm/s, 12.5 mm/s, 25 mm/s, 50 mm/s (±3%) 210 mm Date, Time, Printing Speed, Filter, Symbol, Heart Rate, Patient ID, Sex, Age, Lead Mark, Lead Wave, Average Template Wave or Rhythm Lead Wave, Measurement Result and Interpretation Information Result (option) etc.
Environment	Temperature Working Temperature Relative Humidity Working Humidity Atmospheric Pressure Working Pressure	Transport & Storage: -40°C (-40°F) ~ +55°C (+131°F) +5°C (+41°F) ~ +40°C (+104°F) 25%~93% Non-Condensing 25%~80% Non-Condensing 700hPa ~1060hPa 860hPa ~1060hPa
Safety	5a_ b k i [fZ EMC Anti-electric-shock Anti-electric-shock Working Mode	;75! 7@ (" (" #Z#L 3#L 3\$! ;75! 7@ (" (" #Z#L 3#L 3@E;! 33? ; 75##! ;75! 7@ (" (" #Z#L # 9dgb 15See 3 Type: Class II Degree: Type CF with defibrillation-proof Continuous operation

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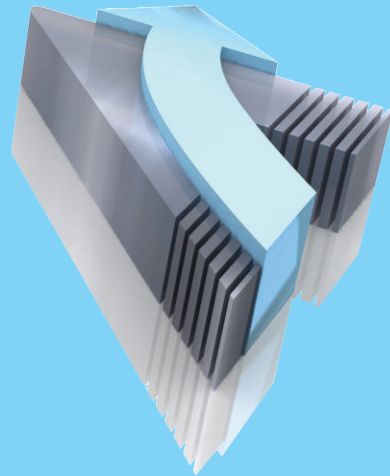
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