

Touch-screen 12-channel ECG available with a stress testing system

- » 12.1" color touch-screen
- » Alphanumeric keyboard and one-touch operation
- » Automatic measurement and interpretation tested with authoritative CSE database
- » Real-time waveform freezing
- » Review 120 seconds of ECG waveform
- » Preview waveform and diagnosis results on screen
- » Automatic arrhythmia detection and recording
- » 200 ECGs in internal memory
- » Heart rate variability (HRV) analysis

Options

- » PC-based data management software (Smart ECG Viewer)
- » Trolley (shown here) and cable bracket

Stress testing upgrade (optional)

- » Treadmills or bicycles and Suntech tango+ exercise blood pressure monitor supported
- » Customized exercise protocols
- » ST analysis and reports



Available with **Smart ECG Viewer** PC-based data management software



Manual Measurement



Interpretation



Compare Viewing for Different Examinations

DRE True ECG Advance

12-Channel ECG/Stress Testing System

Equipment for the way *you* operate



Preview and print: Preview report for both real-time printing and file storage



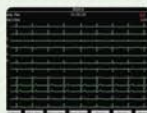
Useful tools: Average template waveform together with accurate interpretation appreciated by authority CSE database (IEC 60601-2-51) which supplies measurement, diagnosis and Minnesota code



Waveform process: Edit the printing style, printing speed, sensitivity and filter setting to get better waveforms instead of repeated examination



Replay and record: Freeze and review waveform backward and forward per second or page to grasp every arrhythmia, then print



File storage and search: Patient data in internal storage including waveforms, measurement and diagnosis which could also be enlarged by flash drive or PC hard disk, support report search from internal memory



Technical Specifications

Input Circuit	Defibrillation protection built-in
Lead	Standard 12 leads
Acquisition Mode	Simultaneous 12-lead acquisition (10-24 seconds adjustable)
A/D Converter	24 bits
Input Voltage Range	±5mVpp
Time Constant	>3.2s
Frequency Response	0.05Hz - 150Hz
Calibration Voltage	1mV±2%
Sensitivity	2.5, 5, 10, 20, 10/5.AGC (mm/mV)
Input Impedance	50M Ω (10Hz)
Input Circuit Current	<10nA
Noise Level	<12.5 μ A Vp-p
Anti Baseline Drift	Automatic
Patient Leakage Current	<10 μ A (220V-240V)
Patient Auxiliary Current	<0.1 μ A (DC)
Filter	
EMG filter	25 Hz/35Hz/45Hz/OFF
DFT filter	0.05/0.15/0.25/ 0.5/0.32/0.67Hz
Lowpass filter	150Hz/100Hz/75Hz
AC filter	50Hz/60Hz
CMRR	>115dB
Recording Mode	Auto/Manual/Rhythm/R-R Analyze
Rhythm Lead	Single lead or three leads selectable
Power Supply	AC:100V-240V, 50/60Hz
Battery	Built-in rechargeable Li-ion battery
Voltage	14.4V, for about 400 copies ECG printing
Recorder	Thermal paper
Record paper	Fled paper, rolled paper
Paper width	216mm, 210mm
Record speed	5mm/s, 10mm/s, 12.5mm/s, 25mm/s, 50mm/s (±3%)
Dimension	16.5" x 13" x 4.7" 420 mm x 330 mm x 120 mm
Display	800 x 600 multicolor LCD
External Input/Output	
Input	> 100 K Ω : Sensitivity 10mm/V ± 5%
Output	< 100 Ω : Sensitivity 1V/mV ± 5%
Communication Ports	Ethernet, RS232