

## DRE True ECG 12T

Twelve-channel ECG

Equipment for the way *you* operate

### Features

- 8.4" color touch-screen
- Alphanumeric keyboard and one touch operation
- Sleep mode to save energy and extend LCD life
- Automatic measurement and interpretation tested with authoritative CSE database
- Real-time waveform freezing
- 120 seconds ECG waveform reviewable
- Two-step exercise test with periodic recording
- Built-in rechargeable Li-ion battery
- 200 ECGs in internal memory



DRE True ECG 12T

### Available with

PC-based  
Data Management Software/  
Smart ECG Viewer



- Manual Measurement
- Rhythm Viewing
- Waveforms Contrast
- Auto Measurement Result
- Multiple Report Formats

## Excellent cost performance with built-in high-resolution thermal printer

- Preview report for both real-time printing and file storage
- Average template waveform with accurate interpretation tested with CSE DATABASE, which supplies measurement, diagnosis, and Minnesota code
- Doctor can edit the printing style, printing speed, sensitivity, and used filter to get better waveforms instead of repeating patient examination
- Freeze and review waveform timely to grasp every arrhythmia
- Internal storage including waveforms, measurement and diagnosis which could also be enlarged by flash disk or PC hard disk.



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## Technical Specifications

Input circuit	Defibrillation protection built-in
Lead	Standard 12 leads
Acquisition mode	12-channel simultaneous
A/D converter	24 bits
Input voltage range	$\pm 5\text{mVp-p}$
Time constant	$>3.2\text{s}$
Frequency response	0.05Hz-150Hz
Calibration voltage	$1\text{mV}\pm 2\%$
Sensitivity	2.5, 5, 10, 20, 10/5, AGC (mm/mV)
Input impedance	$>50\text{M}\Omega$ (10Hz)
Input circuit current	$<10\text{nA}$
Noise level	$<12.5\ \mu\text{Vp-p}$
Patient leakage current	$<10\ \mu$ (220V-240V)
Patient auxiliary current	$<0.1\ \mu\text{A}$ (DC)
Filters	EMG filter 25Hz/35Hz/45Hz/OFF Anti-baseline drift 0.05/0.15/0.25/0.5Hz Low-pass filter 150Hz/100Hz/ 75Hz AC filter 50Hz/60Hz
CMRR	$>121\ \text{dB}$
Recording modes	Auto/manual/rhythm
Rhythm lead	Single lead or three leads selectable
Safety Standard	IEC I/CF
Power supply	AC:100-240V, 50/60Hz
Battery	Built-in rechargeable Li-ion battery: voltage=14.4V, for about 400 copies ECG printing
Recorder	Thermal printer
Recording paper	Roll and z-fold 216mm, 210mm width
Recording speed	5mm/s, 10mm/s, 12.5mm/s, 25mm/s, 50mm/s ( $\pm 3\%$ )
Dimensions	420mm x 330mm x 120mm
Display	800 x 600 dots LCD
External input	$>100\text{K}\Omega$ , sensitivity 10mm/V $\pm 5$
External output	$<100\ \Omega$ , sensitivity 1V/mV $\pm 5\%$
Communication interface	Ethernet or RS232

## Also Available

### DRE True ECG 12



## Features

- 5.7" high-resolution foldable screen
- Compact, lightweight design with carrying handle
- Digital filters for baseline, AC and EMG interference resistance
- Standby mode for energy saving
- Built-in Ethernet and RS-232 interfaces for PC connection
- USB port for data transmission and external jet-printer connection
- Internal 100 ECGs storage
- Built-in rechargeable Li-ion battery: voltage=14.4V for about 100 copies ECG printing
- 320 x 240 dots monochrome LCD