

## Portable ECG monitor displays vibrant waveforms on a convenient flip-screen

### DRE True ECG-3 (Three-channel ECG)

- 12 leads simultaneous acquisition
- Built-in high-resolution thermal printer
- Built-in rechargeable Li-ion battery
- AC/DC power supply
- Automatically measures and interprets ECG
- Complete digital filtering, resisting baseline drift, AC and EMG interference
- Automatically adjusts baseline
- Auto/manual work modes
- Select from three printing formats — auto, manual and rhythm
- Lead-off detection and alert
- Heart rate variability (HRV) analysis



### Features USB and Ethernet ports for printing and data storage

- Print 12 leads via your external jet printer
- Narrow screen version stores 120 ECGs and wide screen version stores 144 ECGs
- Support for ECG data input function
- Available with PC-based ECG data management software

### Technical Specifications

Input Circuit	Defibrillator protection built-in	Weight	2.5 kg (w/ battery)
Lead	Standard 12 leads	Display	320 x 240 pixels LCD
Acquisition Mode	12 leads simultaneously	Recording Mode	
A/D Converter	12 bits	– Auto	3CH, 3/2 CH, 3CH + 1R, 1CH, 1CH + 1R
Measurement Range	±5mVpp	– Manual	3CH, 3/2 CH, 1CH
Time Constant	> 3.2s	– Rhythm	Single rhythm lead
Frequency Response	0.05Hz ~ 150Hz	Rhythm Lead	Any lead selectable
Calibration Voltage	1mV ± 3%	Power Supply	
Sensitivity	2.5, 5, 10, 20 (mm/mV)	AC	100V - 115V / 220V - 240V, 50/60Hz
Input Impedance	>50M Ω	Built-in rechargeable Li-ion battery	Voltage=14.4V
Input Circuit Current	<50nA		More than 3 hours continuous work under battery supply
Noise Level	<15 μVp~p	Recorder Thermal printer	
Anti-Baseline Drift	Auto	Record Paper	80mm x 20mm
Patient Leakage Current	< 10 μA (220V - 240V)	Paper Speed	5mm/s, 6.25mm/s, 10mm/s, 12.5mm/s, 5mm/s, 50mm/s (± 3%)
Patient Auxiliary Current	<0.1 μA (DC)	Dimension	288mm x 210mm x 70mm
Filter		External Input/Output	
– EMG Filter	25 Hz/35Hz/45Hz/OFF	– Input	>100 k Ω; Sensitivity 10mm/V ± 5%
– DFT Filter	0.05/0.15/0.25/0.5Hz;	– Output	< 100 Ω; Sensitivity 1V/mV ± 5%
– Lowpass Filter	150 Hz/100Hz/75Hz;	Communication Interface	Ethernet, RS232
– AC Filter	50 Hz/60Hz		
CMRR	>110dB		