

DRE True ECG Plus

Six-channel ECG

Equipment for the way *you* operate

Cost-effective ECG solution great for hospitals, family practices and emergency responders



Portable and compact



Alphanumeric keyboard



Bright color screen



Available with
PC-based data management software
Smart ECG Viewer

- **Portable, lightweight design**
Convenient for mobile use and offices with limited space
- **Easy data input and operation**
Alphanumeric keyboard and one-touch operation
- **Power supply**
Built-in rechargeable battery, AC/DC power supply
- **Pacemaker detection**
Meets the requirements of ANSI/AAMI EC11
- **Interpretation**
Automatic measurement and interpretation for adults and pediatrics
- **Periodic recording**
Two-step exercise test with periodic recording
- **Heart rate variability (HRV) analysis**
- **Recording**
Internal thermal printer and external printer
- **Memory and data transmission**
Supports external archiving: SD card and card reader, and flash drive (not included)
- **Data transmission to a PC**
Via Ethernet or RS232 port

Options

- Internal storage upgrade to 200 ECGs
- PC-based data management software (Smart ECG Viewer)
- XML format export
- SD card and card reader, flash disk
- Rolling stand and carrying bag

Technical Specifications

Input circuit	Defibrillation protection
Lead	Standard 12 leads
Acquisition mode	12-channel simultaneous (10-24s adjustable)
A/D converter	24 bits
Sampling rate	1000Hz/channel, 10,000Hz for pacemaker detection
Input voltage range	$\pm 5\text{mVp-p}$
Time constant	$>3.2\text{s}$
Frequency response	0.05Hz-150Hz
Calibration voltage	1mV $\pm 2\%$
Sensitivity	2.5, 5, 10, 20, 10/5, AGC (mm/mV)
Input impedance	$>50\text{M}\Omega$
Input circuit current	$<10\text{nA}$
Noise level	$<12.5\ \mu\text{Vp-p}$
Patient leakage current	$<10\ \mu\text{Vp-p}$ (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 75Hz/100Hz/150Hz AC filter 50Hz/60Hz
CMRR	$>115\text{dB}$
Recording modes	Auto/manual/rhythm
Rhythm lead	Single channel or three channels selectable
Power supply	AC (100-240V@50/60Hz) 12V Vehicle-Carried Inverter Li-ion Battery
Battery	Built-in rechargeable Li-ion battery 2200mAh@14.8V for 6 hours general use or 280 copies ECGs continuous printing
Recorder	Thermal printer
Recording paper	110mm x 140mm x 144P (Z-fold)
Recording speed	5mm/s, 6.25mm/s, 10mm/s ($\pm 3\%$) 12.5mm/s, 25mm/s, 50mm/s ($\pm 3\%$)
Weight	Approximately 3 kg (including battery and paper)
Dimensions	322m x 310mm x 101mm
Display	5.7" TFT color LCD, 640x480 dots
External input	100K Ω , sensitivity 10mm/V ± 5
External output	100 Ω , sensitivity 1V/mV $\pm 5\%$
Communication interfaces	Ethernet or RS232



12-lead ECG waveform

Rich print formats for different needs



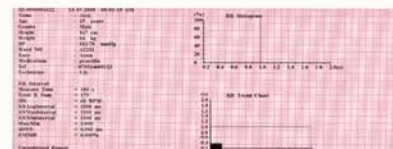
Interpretation

Automatic measurement and interpretation tested with authoritative CSE database



Rhythm recording

Single lead or three leads selectable



HRV analysis report