

Electrocardiograph

ECG-3 Plus

Single/Three-channel ECG



Electrocardiograph ECG-3 PLUS Single/Tree Channel

Cardiology

Features

- Light weight and compact size.
- LCD Screen.
- Automatic ECG measurement and interpretation functions
- Large internal memory.
- Automatic baseline adjustment.
- Compatible with external printer for 12 Leads simultaneous printing.
- 12-leads simultaneous acquisition.
- 3-channel waves are displayed and recorded simultaneously
- Standard input/output interface and RS232 communication interface.
- Three printing formats selectable: auto, manual and rhythm.
- Integrated high-resolution thermal printer.
- Convenient operation of system setup and file management.
- ECG data can be transmitted to a PC.
- Large capacity built-in rechargeable backup Battery.
- Voltage 100V~240V – 50/60Hz.
- Meets ISO13485 Quality Standard.
- Meets FDA 510(k) requirements.
- Two years warranty



2 YEARS
Warranty

Technical Specifications

Physical Specifications	Dimensions Weight	300mm×260mm×80mm (11.8in×10.2in×3.1in), ±2mm Approximately 2.5 kg (including battery and paper)
Display	Resolution	3.9" inches, 320×240 dot single color LCD Screen
ECG Unit	Leads Acquisition Mode A/D Resolution Time Constant Input Voltage Range Frequency Response Gain Input Impedance Input Circuit Current Calibration Voltage DC Offset Voltage Noise Multi-channel Crosstalk	Standard 12 leads Simultaneously 12 leads 12 Bits ≥3.2sec ≤5mVp-p 0.05Hz ~ 150Hz 2.5, 5, 10, 20, AGC (mm/mV) ±5% ≥50MΩ(10Hz) ≤0.05μA 1mV±3% ±500mV ≤15μVp-p ≤0.5mm
Filter	AC Filter DFT Filter EMG Filter LOWPASS Filter CMRR Sampling Frequency	50Hz/60Hz/Off 0.05Hz/0.15Hz/0.25Hz/0.32Hz/0.5Hz/0.67Hz 25Hz / 35Hz / 45Hz / OFF 150Hz / 100Hz / 75Hz ≥115dB (AC Filter is on) ≥110dB (AC Filter is off) 1000 Hz / lead
External	Input Output Input Circuit	≥100kΩ; Sensitivity 10mm/V±5%; Single ended ≤100Ω; Sensitivity 1V/mV±5%; Single ended Floating input circuit, protection from defibrillation and pace maker LEAD: Standard 12 leads
HR Recognition	Range Accuracy	30 BPM ~ 300 BPM 1BPM
Recording	Recorder Printing Density Recorder Paper Effective Width Paper Speed	Thermal dot-matrix recorder 8 dots per mm / 200 dots per inch (amplitude axes) 40 dots per mm / 1000 dots per inch (time axes, @ 25 mm/s) Rolled thermal paper, 80mm×20m 72mm 5mm/s, 6.25mm/s, 10mm/s, 12.5mm/s, 25mm/s, 50mm/s (±3%)
Power Supply	Operating Voltage Operating Frequency Input Power Built-in Lithium Battery Rated Capacity Final Discharging Fuse	100V-115V~ / 220V-240V 50Hz / 60Hz 35VA Voltage 14.8V 2200mAh Voltage≥11V T400mA 250V Ø5×20 / T200mA 250V Ø5×20
Environment	Working Temperature Relative Humidity Atmospheric Pressure Transport & Storage Relative Humidity Atmospheric Pressure	+5°C (+41°F) ~ +40°C (+104°F) 25%~80% Non-Condensing 860hPa ~1060hPa -20°C (-4°F) ~ +55°C (+131°F) 25%~93% Non-Condensing 700hPa ~1060hPa
Communication	Port	Ethernet, RS232, USB

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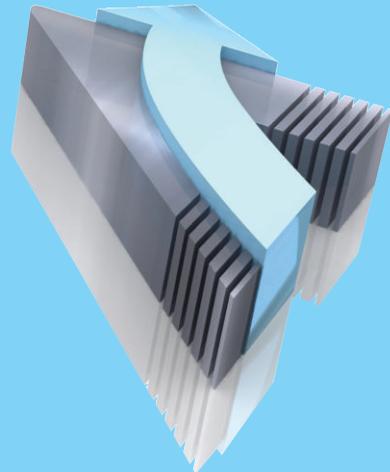
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