

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



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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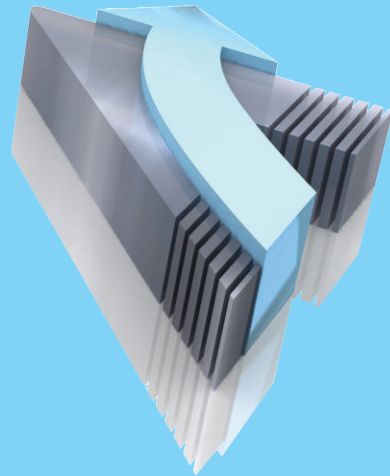
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Advanced Instrumentations Inc. complies with the requirements of the ISO standards 13585-2016 following the audit by one of the most prestigious global certification companies, as it is the SGS. We comply with the requirements and are audited by the US Food and Drug Administration (FDA) an entity of the Health and Human Services of the United States of America. These certifications are the result of dedication and commitment to excellence in our products and services.



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