



H3

Electrocardiograph

General Specification

Safety Standards

IEC60601-1, IEC60601-2-25, IEC 60601-1-2, EC11

Power Supply

AC input voltage: 100-240V~, 50/60Hz
 Built-in battery (Standard) : 2600mAh,
 at least 2 consecutive hours.

Display

Dimension: 235mm×190mm×52.6mm
 Weight: 1.18kg (including main unit, recorder and battery, not including accessories)
 Display: 6.2 inch LCD color touch screen
 Waveforms: Maximum 12 waveforms display
 Resolution: 800×480

Environmental Specifications

Environment temperature: 5℃ ~ 40℃
 Relative humidity: ≤93%
 Atmospheric pressure: 700hPa ~ 1060hPa

Recorder

Recording Method: Thermal dot,-matrix printing
 Record Paper: 80mm×70mm Folded thermosensitive paper
 80mm×20mm Rolled thermosensitive paper
 Width of Record Paper: 80mm
 Valid Recording Width: 72mm
 Paper Speed: 5 mm/s, 6.25 mm/s, 10mm/s, 12.5 mm/s, 25mm/s, 50mm/s; Error:±2%

Main Unit

HR calculation: Peak detection
 Input Method: With defibrillator-proof protection
 Leads: Standard 12 leads and switching leads automatically
 Heart rate measurement range and accuracy:
 30 ~ 300bpm; ±1% or ±1bpm ,
 whichever is greater

Sampling Mode

12 channels simultaneously
 Time Constant: ≥5s
 Frequency Characteristics: 0.05Hz ~ 150Hz
 Sensitivity: 2.5mm/mV, 5mm/mV, 10mm/mV,
 20mm/mV, 20/10mm/mV, 10/5 mm/mV and AGC.
 The default sensitivity is 10mm/mV. Error: ±2%
 Input Impedance: ≥50M
 Stand Voltage: Applying ± 650mV d.c. polarization
 voltage, the range of sensitivity is ±5%.
 Input Circuit Current: ≤50nA
 Calibration Voltage: 1mV±1%
 Noise Level: <15 Vp-p
 Multichannel crosstalk: ≤0.5mm
 The skew between channels: <100µs
 Filter:
 AC Filter: 50Hz, 60Hz, OFF
 DFT Filter: OFF, 0.05Hz, 0.10Hz, 0.20Hz, 0.50Hz
 EMG Filter: 25Hz, 35Hz, 45Hz, OFF
 LOWPASS Filter: OFF, 75Hz, 100Hz, 150Hz
 CMRR: ≥110dB
 Standby Function: The response time of exiting
 standby status is less than 10s.

Specifications subject to change without notice

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