

Technical Specifications

Protection type: Class I, type CF, defibrillation proof.

ECG cable: 12 standard electrodes, general and defibrillation protection.

Input impedance: $\geq 50\text{M}\Omega$

Sampling rate: 1000Hz

ADC bit width: 12 bit

Frequency Response: 0.05Hz ~ 150Hz (-3dB, +0.4dB)

Time constant: $> 3.2\text{s}$

CMRR: $> 60\text{dB}$, $> 100\text{dB}$ (add filter)

Noise level: $\leq 15\mu\text{V p-p}$

EMG filter: 25Hz / 35Hz (-3dB)

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EMG filter: 25Hz / 35Hz (-3dB)

AC filter: 50Hz / 60Hz ($\geq 20\text{dB}$)

Recorder: Thermal printing system (8dots / mm)

Recording paper: 110mmx20m high speed thermal paper.

Sensitivity: 2.5mm / mV 5mm / mV 10mm / mV 20mm / mV 40mm / mV error: $\pm 5\%$.

Standard sensitivity 10mm / mV $\pm 0.2\text{mm / mV}$

Auto mode:

automatic ECG recording in the current format,

automatic change of leads,

automatic measurement and analysis.

Additional mode with rhythmogram recording:

ECG recording in the current format plus rhythm recording,

automatic measurement and analysis.



Manual recording mode: ECG recording in the current format, manual change of leads.

Measured parameters: heart rate, PR interval, P wave, QRS complex, T wave, QT interval, QTc, P wave axis, QRS axis, T wave axis, R (V5), S (V1), R (V5) + S (V1).

Paper speed: in automatic mode: 25mm / s, 50mm / s error: $\pm 5\%$

in the mode with rhythmogram recording: 25mm / s, 50mm / s error: $\pm 5\%$

in manual mode: 5 mm / s, 6.25 mm / s, 10 mm / s, 12.5 mm / s, 25 mm / s, 50 mm / s, 100 mm / s

error: $\pm 5\%$

Display: color touchscreen display with a resolution of 800x480 pixels

Power supply: AC: 220V, 50Hz (110V, 60Hz)

DC: 7.4V, 3700mAh rechargeable lithium battery

Fuse specifications: 2 pcs. size 5x20mm AC; 1.6mA / 250V (220V power supply)

Dimensions: 315mm x215mm x92mm

Weight: 1.7kg

The device can record 150 records and continuously print for 90 minutes. or work 4 hours without printing after fully charging the battery. The archive size is more than 1000 patient accounts.

Synchronization with a computer: Minimum system requirements for a computer:

Processor: Pentium PIII, Celeron 900 or higher.

RAM: min 128MB.

Processor board: It is recommended to use processor boards with an Intel system chipset (chipset).

Hard disk: from 10GB.

Graphics adapter (video card): with a memory capacity of 16 MB or more.

Printer: laser printer, print depth not less than 600dpi.

Monitor: from 14 inches.

CD ROM: CD-ROM 24 x or higher.

Operating system: Microsoft Windows 2000 / XP (32-bit Windows XP is recommended)

ADDRESS

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