

HARTPRO 6

MDXUSA[®]
Medical Equipment
Solutions



Six channel ECG Printing

8" TFT Color Touch Screen

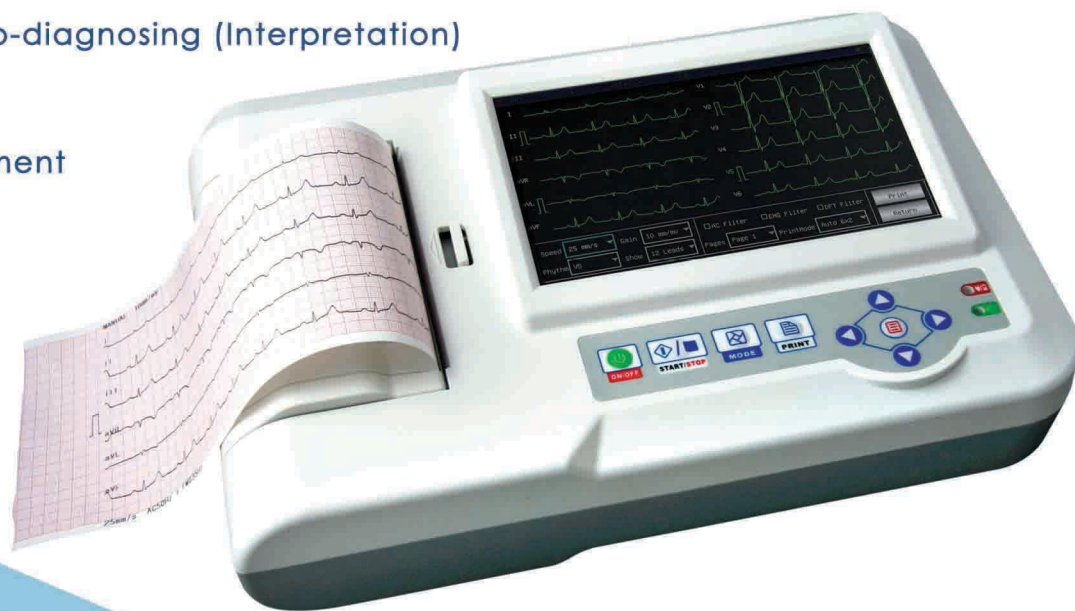
Sample 12 leads ECG signals simultaneously

Recording and displaying ECG waveforms in auto/manual mode

Auto-measuring and Auto-diagnosing (Interpretation)

Internal memory

case database Management



MDX™ Instruments

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Features

- 800x480 8" TFT Color LCD shows the working status and ECG waveform; Touch screen and soft keyboard control, more convenient for operation.
- 12 Leads ECG simultaneous acquisition, digital signal processor, to get higher quality ECG waveforms through the AC filter, baseline filter and EMG filter of the ECG signals.
- Simultaneous display of 3/6/12 leads ECG waveform, and the state of printing mode, sensitivity, speed, filter etc, to be easy for interpretation.
- Sampling twelve leads ECG signal at the same time, analyzing 2×6+1 rhythm lead 2×6 3×4 3×4+1 rhythm lead 4×3 4×3+1 rhythm lead 6×2 6×2+1 rhythm lead recording mode at the same time, and reporting with multi-formats.
- The power supply includes both AC/DC. This device includes built-in lithium polymer rechargeable battery. It can standby for 4 hours, print 150 pieces of ECG waveform and print 90 minutes continually under the best DC state to satisfy the need of visiting patients and physical examination.
- It has build-in storage with large capacity, and can memory more than 1000 cases, which is easy for doctor review and statistic.
- Under the review mode, you can see the saved ECG waveform, auto-analysis and auto-interpretation of ECG waveform parameter, auto-interpretation conclusion.
- Support English, Italian and Turkish operating interface, can print out English, Italian, Turkish report.

Technical Specification

- Input way: Floating and defibrillation protection
- Lead: Standard 12 leads
- Patient leak current: <math><10\mu\text{A}</math>
- Sampling rate: 1000Hz
- A/D change: 10 Bit
- Frequency response: 0.05Hz~150Hz(-3dB,+0.4dB)
- Time constant: Time constant>3.2s
- CMRR: >60dB, >100dB(With AC filter)
- Enduring polarization voltage: ±500mV
- Noise level: ≤15μVp-p
- EMG interference filter: 35Hz(-3dB)
- AC filter: 50Hz/60Hz(≥20dB)
- Sensitivity choice: 5, 10, 20mm/mV, error: ±5%. Standard sensitivity is 10mm/mV±0.2mm/mV
- Recording way: Thermal printing system
- Auto-record: according the the record format and auto-mode to set, auto leads-changing, auto measurement.
- Manual record: according the record format to record, manual leads-changing.
- Specification of recording paper: 50mm(W) × 20mm(L) High-speed thermal paper
- Paper speed: 25mm/s, 50mm/s, error: ±5%
- Product safety type: Class I, type CF defibrillator proof
- Fuse Specification: 2 pcs φ5*20mm AC time lag;
- Power supply: AC: 100~240V, 50/60 Hz
DC: 7.4V, 2000 mAh rechargeable lithium battery

Accessories:

- ECG leads 1 set
- Limb electrode clamp 1 set
- Chest electrode 1 set
- Power connection 1 piece
- Recording paper 1 piece
- Ground wire 1 set
- User manual 1 piece

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