

# ELECTROCARDIOGRAPH

## 12 Channel 12 Lead ECG Machine

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Physiological Functions of Diagnosis and Monitoring Equipment



Standard  
12 Leads

Efficient in  
operation

Automatic ECG measurements and interpretation, Built-in rechargeable lithium high capacity battery.

# 12 LEAD ECG MACHINE



## Features

- 7 inch high resolution color touch screen.
- Full alphanumeric keyboard with shortcut keys, efficient in operation.
- Simultaneous 12 leads ECG acquisition and display.
- Automatic ECG measurements and interpretation.
- Internal storage up to 1000 cases, convenient for case review and statistic.
- Built-in rechargeable lithium high capacity battery.
- ECG data can be transmitted to PC via USB. ECG reports can be saved, opened, in PC via ECG playback software.

## Standard Configuration:

- Main machine: 1 PC
- Patient cable: 1 PC
- Limb electrode: 1set (4pcs)
- Chest electrode: 1set( 6pcs)
- Power cable: 1 PC
- 210mm\*30M recording paper: 1 PC
- Paper axis: 1 PC
- Power cord: 1 PC

## Packing:

- Single package size: 43\*20\*42 cm
- Single gross weight: 5.5KG
- 4 unit per carton, package size: 82.5\*44.5\*45cm, total gross weight 24 KG

## Technique Specification

Items	Specification
Lead	Standard 12 leads
Acquisition Mode	Simultaneous 12 leads acquisition
Sampling rate	1000Hz
A/D Converter	24bits
Frequency response	0.05 ~ 160Hz (-3db)
Operation mode	Manual, Auto, Rhythm, 1 channel 1 minute
Filter	AC Filter: 50 Hz / 60Hz EMG Filter: 25 Hz / 35 Hz / 45Hz/75 Hz / 100 Hz / 150Hz DFT filter: 0.05Hz/0.5Hz
CMRR	≥100dB (add AC filter)
Input mode	Floating and defibrillation protection
Input Impedance	≥50MΩ (10Hz)
Input circuit current	≤0.05μA
Input dynamic range	±10mVp-p
Patient leak current	< 10μA
Calibration voltage	1mV±2%
Polarizing voltage	≥±300mV
Time constant	≥3.2s
Paper specification	210mm (W)*30m(L)
Recording mode	Thermal printing system
Noise level	< 15μ Vp-p
Memory	1000 cases
Threshold	≤20μV
Wave Gain/Sensitivity	2.5mm/mV, 5mm/mV, 10mm/mV, 20mm/mV(standard sensitivity: 10mm/mV)
Wave/ Paper speed	12.5mm/s,25mm/s,50mm/s (±3%)
AC	100~240V, 50/60Hz,
DC	14.4V, 2500mAh, 36.00Wh, built-in lithium battery

7 inch high resolution color touch screen

Product Code: ECG1201

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