



## EKG312 Touch Three Channel ECG Machine

- TOUCH SCREEN
- COLOR & LARGE DISPLAY
- 10 000 EXAM RECORD
- Multi Language
- Keyboard (Name, Age, Weight, Tall)
- AUTO INTERPRITATION
- SPEED UP TO 50mm/S
- BUILT IN RECHARGABLE BATTERY
- AC/DC POWER SUPPLY
- PC Software for data transfer and A4 print



## Technical Specifications

### ■ Environment conditions

#### 1. Operation

- a) Environment temperature: +5°C~+35°C
- b) Relative humidity: ≤80%
- c) Power supply: AC: 100~240V, 50/60Hz  
DC: 7.4V, 3700 mAh rechargeable lithium battery
- d) Atmospheric pressure: 86kPa~106kPa

#### 2. Transportation and Storage

- a) Environment temperature: -10°C~55°C
- b) Relative humidity: ≤95%
- c) Atmospheric pressure: 50kPa~106kPa

### ■ Input way: Floating and defibrillation protection

### ■ Lead: Standard 12 leads

### ■ Patient leak current: <10μA

### ■ Input impedance: ≥5MΩ

### ■ Frequency response: 1Hz~75Hz

### ■ Time constant: Time constant>3.2s

### ■ CMRR: >60dB

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

### ■ Recording way: Thermal array printing system

### ■ Specification of recording paper: 80mm (W) ×20m(L) high-speed thermal paper

### ■ Paper speed:

Auto record: 25mm/s, 50mm/s, and error: ±5%

Rhythm record: 25mm/s, 50mm/s, and error: ±5%

Manual record: 05mm/s, 6.25mm/s, 10mm/s, 12.5mm/s, 25mm/s, 50mm/s, error: ±5%.

### ■ Sensitivity selections: 2.5, 5, 10, 20, 40mm/mV, 5 options, error: ±5%.

Standard sensitivity is 10mm/mV±0.2mm/mV.

### ■ Auto record: Record setup according to record format and auto mode, automatically changing leads, measuring and analyzing.

### ■ Manual record: Record setup according to record format, manually changing leads.

### ■ Measurement parameters: HR, P-R interval, P Duration, QRS Duration, T Duration, Q-T interval, Q-Tc, P Axis, QRS Axis, T Axis, R(V5), S(V1), R(V5) +S(V1)

### ■ Product safety type: Class I, Type CF defibrillation proof applied part.

### ■ Enduring polarization voltage: ±300mV

### ■ Noise level: ≤15μVp-p

### ■ Fuse specification: 2 pcs φ5×20mm AC time lag; T1.6A/250V (Power supply 220V)



**Dimension:** 315mm (L) ×215mm (W) ×77mm (H)

**Net Weight:** 2.25Kg

