

effective

Touch screen

EKG 312T

rechargeable battery

light weight

compact

mobile

EKG 312T



- KEYBOARD
- TOUCH SCREEN
- 1000 EXAM RECORD
- COLOR & LARGE DISPLAY
- AUTO INTERPRITATION
- LANG: ENGLISH.SPANISH.TURKISH
- BUILT IN RECHARGABLE BATTERY
- AC/DC POWER SUPPLY

The **EKG312T** is a 3-Channel ECG with built in rechargeable battery and touch screen. It is an easy-to-use medical device especially designed for recording, measurement and interpretation of resting ECGs. The EKG312T will be delivered completely with 10 lead patient cable with 4mm banana connector, 6 pcs. chest suction electrodes, 4 pcs. limb electrodes. and ground cable. Optional accessories: 10-lead patient cable with snaps for use with disposable ECG electrodes

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: <math><10\mu A</math>
- Input impedance: $\geq 5M\Omega$
- 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: 5mm/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



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Our products are up from development to manufacturing subject to a certified Quality Management System in accordance to the EN ISO directives. The company is EN ISO certified. All products are labeled with CE mark and in accordance to the Medical Device Directives MDD 93/42/EEC.