

ECG 100G

Technical Specification

Normal work environment

Running

- Environment temperature: +5°C ~ +35°C
- Relative humidity: ≤80%
- Atmospheric pressure: 86kPa ~ 106kPa

Store and Transportation

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

ECG instrument input

- Input way: Floating and defibrillation protection
- Lead: Standard 12 leads
- Patient leak current: <10μA
- Sampling rate: 1000Hz
- A/D change: 12 bite
- Frequency response: 0.05Hz~150Hz (-3dB)
- Time constant: Time constant>3.2s
- CMRR: > 60dB, > 100dB(Add filter)
- Enduring polarization voltage: ± 500mV
- Noise level: ≤15μVp-p

Measurement parameters

- 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

Wave Output

- Recording way: Thermal printing system
- Auto-record: auto leads-changing
- Manual record: manual leads-changing
- Specification of recording paper: 50mm (W) × 20m(L) High-speed thermal paper
- Paper speed: 25mm/s、50mm/s, error: ± 5%

Product safety type

- Class I, type CF applied part, which has defibrillation-proof applied part

Fuse Specification

- 2 pcs φ5 × 20mm AC time lag; T250mA/250V(Power Supply:220V)

Size

- 315mm(L) × 215mm(W) × 77mm(H)

Net Weight

- 2.25Kg

Power supply

- AC: 220V, 50Hz (110V, 60 Hz)
- DC: 7.4V, 3700 mAh rechargeable lithium battery

Digital Single Channel ECG

ECG 100G



Franchiser

CONTEC MEDICAL SYSTEMS CO.,LTD.

ADD: #24 Huanghe West Road,E&T Development Zone,
Qinhuangdao,Hebei,China
TEL: +86 335-8015430/8015547
FAX: +86 335-8015588
Email: contec88@gmail.com, cms@contecmed.com.cn
Website: www.contecmed.com.cn

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ECG 100G

Digital Single Channel ECG

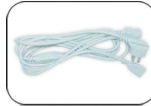
ECG leads



Breast electrode



Power adapter



Limb electrode clamp



Features

- Output system: High-resolution thermal-array (8 dots/mm), it needs not be adjusted. Recording frequency Response:150Hz(-3dB, +0.4dB).
- The device can record exact single ECG waveform and remark. The remark includes: lead sign, ensitivity, paper speed, filter state.
- Under automatic mode, just press the button once, it starts record procedure, which can enhance your work efficiency.
- The language of operation interface include(Chinese,English,French,Italian,Turkish,Spanish)
- The keyboard's control is whole touch type , it's convenient to operate.
- LCD can display the operation state, which is convenient and readable.
- Classification: Class I, CF applied part.
- Power supply: AC/DC, rechargeable lithium battery inside.
- This instrument can record 150 pieces of ECG waveform and print 90 minutes continually under the best DC state.
- The figure of whole device is elegancy and gliding.
- According to dependence degree of deleterious fluid, this device is belong to common device.
- 12.According to the safe degree used under the condition with flammable anaesthesia gas mixed with air (or oxygen, nitrous oxide), this device belongs to the device which can't be used under the condition with flammable anaesthesia gas mixed with air(or oxygen, nitrous oxide) .
- Digital signal processor for effective inhibition of AC,EMG and DFT, receive the better ECG waveform.
- According to the working mode class, this device is not suit to continuous work state.

