

CONTEC™



ECG100G-VET

Digital Single Channel ECG

ECG100G-VET is an electrocardiograph collecting real-time ECG signal and printing ECG waveform with thermal printing system, which features in, recording and displaying ECG waveform with manual or auto mode, prompting for "Lead off" and "Lack of paper", optional interface languages, case database management.



Features

- Adopt high-resolution thermal array output system(8dot/mm), no need for any adjustments. Recording frequency: up to 150Hz.
- Real-time and continuously record the clear and accurate single-channel ECG waveform and annotation character(including lead mark, sensitivity, paper speed and filter status, etc.).
- In AUTO print mode, finish recording with a button, which improves the work efficiency.
- Control all operations with buttons, convenient in operating. Display work status with LCD, clear and legible in equipment state.
- AC/DC, and in optimal DC state, built-in rechargeable lithium battery can continuously work for 10-hour, print up to 4-hour and 160-ECG.
- Adopt digital signal processor, and get higher quality ECG waveforms via AC filter, baseline filter and EMG filter of ECG signal.

Technical parameters

- Input mode: Floating and defibrillation protection
- Frequency response: 0.05Hz~150Hz (-3dB~+0.4dB)
- CMRR: >60dB, >100dB(Add filter)
- Time constant:≥3.2s
- Patient leak current: <10μA
- Standard sensitivity: 10mm/mV±2%
- Noise level: ≤15μVp-p
- Input impedance: ≥50MΩ
- Safety classification: class I, type CF
- Recording mode: Thermal printing system
- Specification for recording paper: 50mm(W)×20m(L), high-speed thermal paper
- Polarization voltage: ±300mV
- EMG interference filter: 35Hz (-3dB)
- Paper speed: 25mm/s, 50mm/s, ±5%
- Fuse specification: AC time-delay fuses(φ5×20mm), T1.6AL250V
- Dimension: 315mm(L)×215mm(W)×77mm(H)
- Power supply:
 - AC: 100~240V, 50/60Hz
 - DC: 7.4V, 2000mAh rechargeable lithium battery

Accessories

Lead cable	1 set
Veterinary ECG clip	1 set
Thermal recording paper	1 set
Power cord	1 set
Earth wire	1 set
User manual	1 set

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