

# 1 CHANNEL ECG

## Model No. CMS 100G



### General Features

AC/DC Operated with Rechargeable Lithium Battery

Battery backup: **Approx. 4 Hours**

The device can record single channel ECG

Waveform and can remark the lead sign, sensitivity paper speed and filter state.

It can store more than 160 of patient's data.

More convenient for data review & statistics

Portable, Light weight and sturdy design

Mode Of Printing: **Automatic/Manual**

**Digital signal processor for effective inhibition of AC,EMG, and DFT, receive the better ECG waveform**

### Technical Specifications

- **2.7" LCD Display with Touch screen**
- Power Supply
  - ▶▶ **AC:100~240V, 50/60 Hz**
  - ▶▶ **DC: 7.4V, 3700 mAh rechargeable Lithium battery.**
- Input way: Floating and defibrillator protection
- Lead: **12 leads**
- Patient leak current: **≤ 10μA**
- Frequency Response: **0.05Hz -150Hz (-3dB~0.4dB)**
- Time Constant : Time **≥ 3.2s**
- CMRR: **≥ 60dB, ≥ 100dB (add filter)**
- EMG interface filter: **35Hz (-3dB)**
- **High Speed Thermal paper**
- Sampling Rate: 1000Hz
- Recording way: Thermal printing systems
- Recording papers: **50mm(W) X 20mts(L)**
- Paper Size: Auto record: **25mm/s, 50mm/s**  
Manual record: **5,10,25,50 mm/s**  
Rhythm record: **25mm/s, 50mm/s**
- Classification: **Class I, CF applied part**
- Enduring polarization voltage:**±300mV**
- Sensitivity choice: 5,10,20 mm/mV ( Error: **± 5%**)
- Standard sensitivity IS 10mm/ mV **± 0.2%**
- Auto Interpretation
- Fuse Specification: 2pcs (5\*20mm AC time lags); T1.6AL250V9 Power Supply: 220V)
- Machine Size: 315 (L) X 215 (w) X 77(H)mm
- #Machine Net Weight :1.5Kg

### Printing Modes

- **4\*3**
- **Auto 3\*4 +1**
- **Auto 3\*4**
- **Auto 2\*6 +1**
- **Auto 2\*6**
- **Auto3-2+1**
- **Auto3-2**
- **Rhythm 4**
- **Rhythm 3**
- **Rhythm 2**
- **Manual mode**

### Optional

- **Basic software: For data transfer & print**
- **Advance software: For cardiac analysis**

