

# 3 CHANNEL ECG

## Model No. CMS 300G



Digital Three Channel ECG  
colour display with interpretation

### Technical Specifications

- **3.5" LCD Display**
- Power Supply
  - AC: 100 – 240V, 50/60 Hz
  - DC: 7.4V, 3700 mAh rechargeable lithium battery
- Input way Floating and defibrillation protection
- Lead :12 leads
- Patient leak current :  $\leq 10\mu\text{A}$
- Frequency response : 0.05Hz ~150Hz (~3 dB ~ 0.4 dB)
- Time Constant Time  $\geq 3.2\text{s}$
- CMRR,  $\geq 60\text{ dB}$ ,  $\geq 100\text{ dB}$  (add filled)
- EMG interference filter: 35Hz (-3dB)
- AC Filter : 50/60Hz
- Sampling Rate : 1000Hz
- Recording way : Thermal printing system
- Recording papers : 80mm (W) X 20 m(L)
- Paper Speed
  - Auto record: 25mm/s, 50mm/s
  - Manual record : 5, 10, 25, 50mm/s
  - Rhythm Record : 25mm/s, 50mm/s
  - Classification : Class I, CF applied part
- Enduring polarization voltage :  $\pm 500\text{mV}$
- Sensitivity choice : 5, 10, 20 mm/mV {Error:  $\pm 5\%$ }
- Standard sensitivity is 10mm/mV  $\pm 0.2\%$
- Auto Interpretation
- Fuse Specification : 2pcs (5\*20mm AC time lags)  
T1.6AL250V (Power Supply : 220V)
- Machine Size: 315 (L) x 215 (W) x 77(H) mm
- Machine Net Weight : 1.7Kg

### General Features

- AC/DC Operated
- 3 channel ECG with Interpretation
- Rechargeable Lithium Battery
- Battery backup : Approx. 1.5 hours  
(with continuous printing)
- Simultaneous display 3/6/12 leads ECG waveform  
and can remark the lead sign, sensitivity paper speed  
and filter state
- Data interpretation
- It can store more than 1000 patient's data(Cases),  
more convenient for data review & statistics
- Portable, Light weight and sturdy design
- Mode of printing: Automatic/Manual

### Printing Modes

- 4\*3
- Auto 3\*4 +1
- Auto 3\*4
- Auto 2\*6 +1
- Auto 2\*6
- Auto 3-2+1
- Auto 3-2
- Rhythm 4
- Rhythm 3
- Rhythm 2
- Manual mode
- Measurement parameter HR, P-R interval P  
Duration, ORS Duration, O Interval, O-Tc, P Axis,  
ORS Axis, T Axis, RIV51, SIV11, RIV51 + SIV11
- Recording : Auto and Manual

### Optional

- Touch screen
- Basic software : For data transfer & print
- aAdvance software : For cardiac analysis

