

Digital Twelve Channel ECG

# ECG 1200G

## Touch Screen



ECG1200G 12-channel ECG is such a kind of electrocardiograph, which gathers 12-lead ECG signals simultaneously and prints out the ECG waveforms with thermal printing system. Its users are mainly hospitals and all kinds of medical establishments.

# Touch Screen ECG 1200G

## Digital Twelve Channel ECG

- Possibility for connection with PC via ECG Contec® Software
- ECG record on Flash External Memory Card or SD card
- Registration of Year, Date, Hour, Minute and Second
- Full Alphanumeric Waterproof Keyboard
- Automatic Analysis and Diagnosis



User-friendly design tools menu



## Powerful computer analysis and management system



## Main characteristic

- 7 inches 800x600 dots color LCD touch screen
- RS232, USB and LAN ports for communication
- Automatic/manual mode to record and display ECG waveform
- Auto-measure of ECG waveform parameter
- Multiple switchable interface language



Hidden handle



CONTEC MEDICAL SYSTEMS CO.,LTD.  
<http://www.contecm.com>



# ECG 1200G

## Technical Specifications

Input way	Floating and defibrillation protection
Lead	Standard 12 leads
Patient leak current	<10 $\mu$ A
Input impedance	$\geq 50\text{M}\Omega$
Frequency response	0.05Hz~150Hz ( -3dB )
Time constant	Time constant>3.2s
CMRR	> 60dB, > 100dB( Adding filter)
EMG interference filter	35Hz(-3dB)
Recording way	Thermal printing system
Specification of recording paper	210mm ( W) $\times$ 20m(L) high-speed thermal paper
Paper speed	Auto record: 25mm/s, 50mm/s, error: $\pm 5\%$
	Rhythm record: 25mm/s, 50mm/s, error: $\pm 5\%$
	Manual record:5mm/s, 6.25mm/s, 10mm/s, 12.5mm/s, 25mm/s, 50mm/s, error: $\pm 5\%$
Sensitivity selections	5,10,20,40mm/mV, error: $\pm 5\%$ . Standard sensitivity is 10mm/mV $\pm 0.2$ mm/mV.
Auto record	Record setup according to auto record format and mode, automatically changing leads, measuring and analysing.
Rhythm record	record setup according to rhythm record format and mode, automatically measuring and analysing.
Manual record	record setup according to manual 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 CF applied part; there is defibrillation and pacing protection circuit in it.
Enduring polarization voltage	$\pm 500\text{mV}$
Noise level	$\leq 15\mu\text{Vp-p}$
Size	334mm(L) $\times$ 320mm(W) $\times$ 85mm(H)
Power supply/Frequency	AC:100-240V,50/60Hz DC:14.8V, 3700mAh rechargeable lithium battery

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