

**CONTEC™**

Digital Twelve Channel ECG

# ECG 1200G



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.

# ECG 1200G

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User-friendly design tools menu



Powerful computer analysis and management system



Hidden handle

### Main characteristic

- 800x600 dots high resolution color LCD
- convenient and quick button setup
- Automatic/manual mode to record and display ECG waveform
- Auto-measure of ECG waveform parameter
- Multiple switchable interface language

### Optional function

- Stress ECG analysis software
- ECG—Sync software

ECG 1200G

# ECG 1200G

Technical Specifications	
Input way	Floating and defibrillation protection
Lead	Standard 12 leads
Patient leak current	<10 $\mu$ A
Input impedance	$\geq$ 50M $\Omega$
Frequency response	0.05Hz~150Hz (-3dB~+0.4dB)
Time constant	$\geq$ 3.2s
CMRR	> 60dB, > 100dB( Adding filter)
EMG interference filter	25Hz/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	2.5,5,10,20,40mm/mV, error: $\pm$ 5%. Standard sensitivity is 10mm/mV $\pm$ 0.2mm/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	$\pm$ 500mV
Noise level	$\leq$ 15 $\mu$ 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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