

ECG 1200G

DIGITAL TWELVE CHANNEL ECG



Designed for Accuracy



Built for Reliability

KEY FUNCTIONS OF CONTEC ECG 1200G



TFT Color LCD Display

Clear visualization of ECG waveforms and system status for easy operation.



Advanced Digital Processing

High-quality ECG waveform output through enhanced AC filtering and digital signal processing.



Adjustable Output & Periodic Printing

Modify printing signal amplitude and set periodic printing for various clinical needs.



Preview Before Printing

Review ECG waveforms on-screen to avoid paper wastage and improve workflow efficiency.



Versatile Printing Modes

12-lead, 6+1 rhythm, Rhythm (12/10/8/6), Manual, Freeze mode.



Auto Measurement & Interpretation

HR, PR interval, P duration, QRS duration, T duration, QT/QTc, P/QRS/T Axis, R(V5), S(V1), R(V5)+S(V1).



12-Lead Simultaneous Acquisition

Captures accurate, real-time ECG signals from all 12 leads at once.



Multiple Filters for Clear Tracings

Built-in Baseline and EMG filters minimize noise and movement artefacts.



Multi-Format Display Options

View 3/6/12-lead ECG waveforms along with operating modes, sensitivity, paper speed, pacemaker, and filter settings.

TECHNICAL SPECIFICATIONS

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
Calibration voltage	1mV
Sensitivity	2.5, 5, 10, 20, 40 mm/mV ±5%
Standard sensitivity	10mm/mV±2%
Noise level	≤15μVp-p
Input circuit current	≤50nA
Input impedance	≥50MΩ
Sampling accuracy	12-bit
Safety classification	class I, type CF and defibrillation-proof applied part
Recording mode	thermal printing system
Paper size	210mm(W)×20m(L)
Sampling frequency	1000Hz
EMG interference filter	25Hz/35Hz (-3dB)
Power frequency filter	AC 50Hz/60Hz(-20dB)
Auto record	set record according to auto record format and mode, automatically switching leads, measuring and analyzing.
Rhythm record	set record according to rhythm record format and mode, automatically measuring and analyzing.
Manual record	set record according to record format, manually switching 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)
Power supply	AC: 100V~240V(50/60Hz) , DC: 14.8V/3500mAh rechargeable lithium battery
Fuse specification	two AC time lag fuse(φ5×20mm), T1.6AL250V
Waterproof degree	IPX0
Working mode	continuous working
Paper speed	Rhythm : 25, 50mm/s, ±5% , Auto : 25, 50mm/s, ±5% , Manual : 5, 6.25, 10, 12.5, 25, 50mm/s, ±5%



PHYSICAL CHARACTERISTIC



Condition	Working	Storage/Transport
Temperature	5°C to 40°C	-40°C to 55°C
Humidity	25-95%	≤95%
Atmospheric Pressure	700-1060 hPa	500-1060 hPa
Dimension	340mm(L) × 320mm(W) × 85mm(H)	
Weight	3.2Kg	

