Digital Three Channel ECG

ECG 300G

ECG 300G

3.5''TFT Color LCD

Simultaneous 12 leads display

Auto–analysis and auto–interpretation

Provide more than 10 printing modes

More than 1000 cases in internal memory
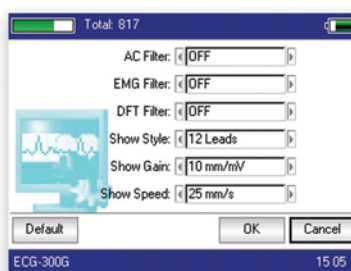
Can print 90 minutes and print out 150 pcs ECG continually

Care Health · Care Life

CONTEC®

ECG 300G

Digital Three Channel ECG

Function Interface

Sampling Settings

Main

Archive management

Simultaneous display of 12 leads ECG waveform

Features

- 3.5" TFT Color LCD shows the working status and ECG waveform. Check the waveform before printing to save record paper.

- 12 leads ECG simultaneous acquisition, digital signal processor, to get higher quality ECG waveforms through the AC filter, baseline filter and EMG filter of the ECG signals.

- Simultaneous display of 3/6/12 leads ECG waveform, and the state of printing mode, sensitivity, speed, filter etc., to be easy for interpretation.

- Include multiform printing modes and format, such as 4, 3+1(rhythm), 3, 2+1(rhythm), 2, 3(Limb lead) + 2(Chest lead) + 1(rhythm), 3(Limb lead) + 2(Chest lead), rhythm4, rhythm3, rhythm2, Manual etc; the length of wave printing can be adjusted and the function of periodic printing is included to satisfy different applications.

- The instrument has the function of regular auto-analysis and auto-interpretation of ECG waveform parameter, provides measurement parameters such as 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) etc and auto-interpretation conclusion to help reducing doctor's abundance and improve working efficiency.

- The power supply includes both AC/DC. This device includes built-in lithium polymer rechargeable battery. It can standby for 4 hours, print 150 pieces of ECG waveform and print 90 minutes continually under the best DC state to satisfy the need of visiting patients and physical examination.

- It has build-in storage with large capacity, and can memory more than 1000 cases, which is easy for the doctor review and statistic.

- Support Chinese, English, Spanish and Turkish Operating interface, can print out Chinese or English report.

- Option:ECG-Sync software, connect with the PC by USB connector to form a ECG workstation, collect real-time data to the software to analyze and print the report, and can update the old cases in the ECG machine to PC. It has optional functions of FCG, HFECG, QTd, HRV analysis etc.
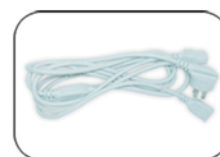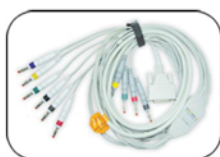
ECG 300G

Technical Specification

ECG instrument Input	Safety Type	Class I, type CF applied part,which has defibrillation-proof applied part
	Lead	Standard 12 leads
	Input way	Floating and defibrillation protection
	Patient leak current	<10μA
	Sampling rate	1000Hz
	A/D conversion	12bit
	Frequency response	0.05Hz~150Hz (−3dB, + 0.4dB)
	Time constant	>3.2s
	CMRR	> 60dB, > 100dB(Add filter)
	Enduring polarization voltage	± 500mV
	Noise level	≤15μVp-p
Dispose Wave Data	EMG interference filter	25Hz/35Hz (−3dB)
	AC filter	50Hz/60Hz (≥20dB)
Undee output	Recording way	Thermal printing system(32spots/mm)
	Recording paper	80mm(W) × 20m(L)
	Sensitivity	5mm/mV、10mm/mV、20mm/mV、40mm/mV、Auto
	Paper speed	Auto-record: 25mm/s, 50mm/s
		Rhythm record:25mm/s, 50mm/s
		Manual-record:5mm/s, 6.25mm/s, 10mm/s, 12.5mm/s, 25mm/s, 50mm/s
Power supply	AC	220V, 50Hz (110V ,60 Hz)
	DC	7.4V, 3700 mAh rechargeable lithium polymer battery
Fuse Specification		2 pcs φ5 × 20mm AC time lag; T250mA/250V(Power Supply:220V)
Form	Size	315mm(L) x 215mm(W) x 77mm(H)
	Net Weight	2.25Kg

Accessories

ECG leads	1 set	Limb electrode clamp	1 set	Chest electrode	1 set
User manual	1 set	Ground wire	1 set	Power Connection	1 piece