



Electrocardiograph

ECG301



Features

- 7 inch high resolution color touch screen
- 12-lead simultaneous acquisition and display
- ECG Automatic measurement and interpretation function
- Complete digital filters, resisting baseline drift, AC and EMG interference
- Compact and lightweight design
- Support USB flash disk and micro SD card to extend memory
- Software upgrade via USB/SD card
- Built-in rechargeable Li-ion battery

Standard Configuration:

- Main machine: 1 PC
- Patient cable: 1 PC
- Limb electrode: 1set (4pcs)
- Chest electrode: 1set(6pcs)
- Power cable: 1 PC
- 80mm*20M recording paper: 1 PC
- Paper axis: 1 PC
- Power cord: 1 PC

Packing:

- Single package size: 32*25*17cm
- Single gross weight: 2.8 KG
- 8 unit per carton, package size: 54*33*75cm, total gross weight 22 KG

Technique Specification

Items	Specification
Lead	Standard 12 leads
Acquisition Mode	Simultaneous 12 leads acquisition
Measurement Range	±5mVpp
Input circuit	Floating; Protection circuit against Defibrillator effect
Input Impedance	≥50MΩ
Input circuit current	<0.05μA
Record mode	Automatic: 3CH×4+1R, 3CH×4, 3CH×2+2CH×3,3CH×2+2CH×3+1R,6CH×2; Manual: 3CH, 2CH, 3CH+1R, 2CH+1R; Rhythm: Any lead selectable.
Filter	EMG Filter: 25 Hz / 30 Hz / 40Hz/75 Hz / 100 Hz / 150Hz DFT Filter: 0.05 Hz/ 0.15 Hz AC Filter: 50 Hz / 60Hz
CMRR	>100dB
Patient leak current	<10μA (220V-240V)
Frequency Response	0.05Hz~150Hz (-3dB)
Sensitivity	2.5mm/mV, 5 mm/mV, 10 mm/mV, 20 mm/mV (error:±5%)
Anti-baseline Drift	Automatic
Time constant	≥3.2s
Noise level	<15μVp-p
Paper speed	12.5 mm/s, 25 mm/s, 50 mm/s
Recording mode	Thermal printing system
Paper specification	Roll 80mmx20M
Safety Standard	IEC I/CF
Sample Rate	Normal: 1000sps/channel
Power Supply	AC: 100~240V, 50/60Hz, 30VA~100VA DC: 14.8V/2200mAh, built-in lithium battery