

12 Channel Electrocardiograph



ECG-8121



ECG-8122



ECG-8121 ECG-8122 12 Channel ECG

- Compact in size, easy and direct operation, portable
- Accurate pace pulse identification and automatic analysis function
- Four working modes: Manual / Auto / Physical Examination / Storage
- 12 leads simultaneous waveforms display
- 215mm, 12 channel format recording
- Advanced [Freeze] function
- 800 × 480 graphic 7 inch color screen with Alphabet keyboard for input (only for ECG-8121)
- 800 × 480 graphic 10 inch color touch screen (only for ECG-8122)
- Adapt to 110-230V, 50/60Hz AC power supply
- Built-in rechargeable Li-ion battery
- 250 patients information storage (Extendable)
- Built-in USB, RS232 interface , ECGNET software optional
- USB interface allows net transmission, USB flash disk and USB printer connected
- High accuracy thermal printing, adapt to 215mm roll paper and 210×140mm Z-fold paper

12 channel ECG with interpretation and large color screen

Technical Specification

Lead	Standard 12 leads	Noise level	<15 μ Vp-p
lead acquisition	12bit/1000Hz (synchronously 12 leads)	Inter-channel interference	\leq 0.5mm
Work mode	Manual / Auto / Physical Examination / Storage	Sensitivity	Auto, 2.5, 5, 10, 20, 40mm/mV
Filter	<ul style="list-style-type: none"> AC Filter : 50Hz / 60Hz EMG Filter : 25Hz / 45Hz Anti-Drift Filter : 0.15Hz (Adaptive) 	Recording mode	<ul style="list-style-type: none"> 3ch+++, 6ch, 6ch+, 12ch Default Man. Mode is 3ch++ format Default Auto.Mode is 12ch format
CMMR	\geq 100dB (with AC Filter)	Paper speed	6.25, 12.5, 25, 50mm/s (\pm 3%)
Input circuit	Floating; Protection circuit against Defibrillator effect	Paper	215mm x 20m roll paper or 210mm x 140mm Z-fold paper
Input impedance	\geq 50M Ω	Communication	RS232 / USB port
Input circuit current	\leq 0.05 μ A	Power supply	<ul style="list-style-type: none"> AC 110-230V (\pm10%), 50/60Hz (\pm1Hz), 60VA DC Built-in rechargeable battery, 14.4V (4400mAh)
Patient current leakage	<10 μ A	Dimension (ECG-8121)	347mm x 293mm x 83mm (ECG-8121)
Calibrating voltage	1mV \pm 2%	Dimension (ECG-8122)	347mm x 293mm x 83mm (ECG-8122)
Voltage tolerance	\geq \pm 500mV	Weight	4.8Kg (ECG-8121)
Time constant	\geq 3.2s		5.8Kg (ECG-8122)
Frequency response	0.05~160Hz (-3db)		

Package Contents

Main unit	1 set
Patient cable	1 set
Limb electrodes	1 set (4 pcs)
Chest electrodes	1 set (6 pcs)
Power cable	1 set
Grounding cable	1 set
Fuse	2 pcs
Paper axis	1 pc
Printing paper	1 roll
Operation manual	1 copy



All specifications are subject to change without prior notice.