

ECG1100/1101

Innovation with medical technologies



NewTech[®]

ECG1100/1101

Single-channel Digital Electrocardiograph

- High-resolution thermal array printer is used to print clear and accurate waveform on thermal recording paper
- The anti drift filter is designed to control baseline position and baseline drift
- Automatic lead change, automatic printing of date, time and parameters including paper speed, sensitivity, filter status, etc.
- Powerful digital filter for effective elimination of AC and EMG interference
- Key-stroke is accompanied with "beep" sound for confirmation of correct input
- A four-line LCD is used to display menu setting and operation status
- Fully charged built-in battery supports over 50 exams
- Print in two-channel mode: the normal ECG trace and that of any rhythm lead
- Thermal printer: Vertical: 8dot/mm; Horizontal: 40dot/mm (25mm/s); print sensitivity, heart rate, paperspeed, filters status, etc.
- Heart rate measurement



Differences between ECG1100 and ECG1101

	ECG1100	ECG1101
ECG trace preview	Y	N
Built-in battery	LI-ION battery	NI-MH battery

Specifications:

Input circuit	Isolated
Safety level	Class I, Type CF
Input impedance	$\geq 50M \Omega$
Input circuit current	$\leq 50nA$
Noise level	$15 \mu V_{p-p}$
Patient current leakage	$\leq 10 \mu A$
CMRR	$\geq 100dB$
Frequency response	0.05-150Hz (-3dB)
A/D Converter	12bit
Time constant	$>3.2second$
Sampling rate	1ms
Depolarization voltage	$\pm 300mV$
Sensitivity	5, 10, 20mm/mV, and automatic gain control
Paper speed	25mm/s, 50mm/s
Power requirements	AC: 220V 50Hz, 110V 60Hz DC: Rechargeable battery supports 50 exams
Net/Gross weight	3.5kg/6kg
Packaging	640L×400W×530H mm for 4 sets 240L×310W×370H mm for 1 set

Subject to change without prior notice.