



Product Code	33358
Unit of sale	1 pc
Minimum order	1
Type	Medical device
Class	II A

UK-REP	No
RDM (NSIS)	2141085
CND	Z12050302
EAN/UPC	8809276943538

## Description

### NEW CARDIOGIMA 12 ECG - 3-6-12 channel

Cost effective 12 channel resting ECG recorder without performance compromise. The simultaneous record of 12 channels has a high diagnostic value

- all the 12 channels are shown at the same time.
- one touch operation for analyzing, storing and printing result
- 12 leads simultaneous 10-second resting ECG
- over 130 kinds of interpretation results based on Minnesota code

Internal software+print in GB, FR, IT, ES, DE, RU, TR, PL, PT, RO, KR.

- wide paper printing (A4 size thermal paper, fax paper is OK)
- combined output of all relevant curves, patient data, date, time and instrument settings
- PC Connections  
Connection to PC with LAN to submit recorded ECG signal to other specialist for evaluation (only a modem is needed)
- ECG filing system  
A fully configured PC-based software enables to record, print, change the settings of ECG's and save them in JPEG, PDF, XML format, which ensure compatibility with most EMR package.
- rechargeable battery (optional) with 6 hour capacity

Free software upgrade by USB

## Technical Specifications

ECG Leads: 3-6-12 channel illustration of ECG signals in continuous recording or 10 sec. recording with interpretation.

Dimension: 200x300x97.5 mm Approx 3 kg

Recording channel: 3, 6, 12 channel and 1 channel (60 sec.)

Sensitivity: 5, 10, 20, auto (I<sup>-</sup>aVF: 10, W1<sup>-</sup>V6: 5) mm/mV

Printing speed: 12,5; 25; 50 mm/s

Filters: AC (50/60 Hz, -20 dB or better), Muscle (25~35 Hz, -3 dB or better)

Base line drift (off 0.05, 0.1, 0.2 Hz - 3 dB or better)

Low pass filter (off, 40 Hz, 100 Hz, 150 Hz)

Sampling rate: analysis 500 samples/sec, digital 8,000 samples/sec

Display: 2x16 character LCD display

LCD display: Sensitivity, speed filter status, HR, Printing form, rhythm lead

LED indicator: Signal quality, power source, battery

Keyboard: Membrane keyboard, alphanumeric and symbol available

Patient data: ID, name, age, sex, height, weight

Basic measurement: Heart rate, PR, QRS, QT/QTc, P-R-T axis  
Recorder: Thermal print head, thermal paper roll  
Report papers: A4: 215X297 mm (8.5"x11.7")  
Letter: 215x280 mm (8.5"x11")  
Resolution: vertical: 8 dots/mm, horizontal: 16 dots/mm  
Electrical:  
Internal noise: 20  $\mu$ V (p-p) max  
input impedance: >50MO  
Input voltage range:  $\pm$  5 mV  
CMRR: greater than 105 dB  
DC offset voltage: =  $\pm$  400mV  
Patient leakage current: < 10 $\mu$ A  
Frequency response 0,05~150 Hz within -3 dB  
Isolated, defibrillation and ESU protected  
Power supply: AC or rechargeable lithium-ion 11.1 V 2600 mA battery (optional)  
Power requirement: 100-240 Vac, 50/60 Hz, 1.0-0.5 A  
Power consumption: 60 W max  
Battery capacity: 6 hour of normal use (approx. 200 automatic ECG printouts)  
Communication: LAN  
Safety: Class I, Type CF  
Conformity: CE, FDA, KFDA, CFDA, NCC  
Made in Korea

## Standard accessories

1 PC software  
1 LAN cable  
1 Patient cable - 10 leads  
4 ECG clip-on electrodes  
1 Power cable  
1 ECG gel tube (250 ml)  
1 Recording paper roll  
6 Chest electrodes, suction for adult  
1 Operation manual (GB/IT)