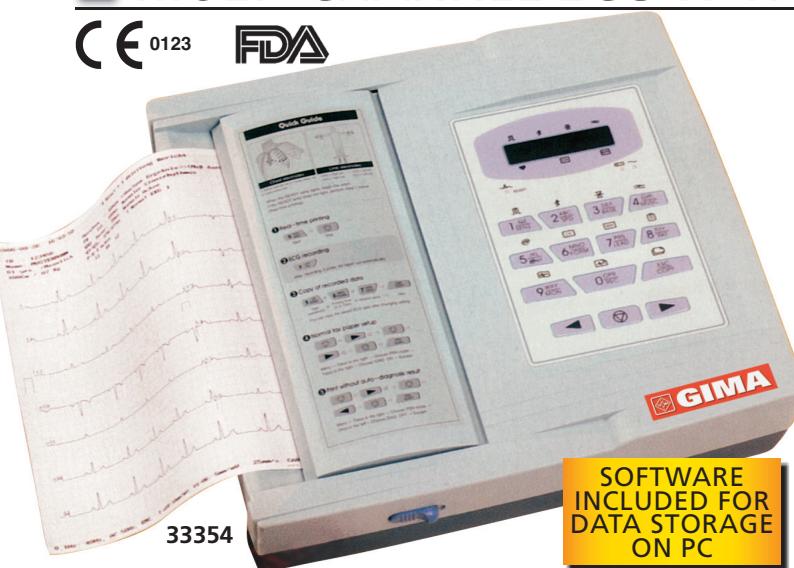


MULTI CHANNEL ECG WITH INTERPRETATION ON PAPER



33354

• 33354 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. A4 size paper, one body type.

Main Features:

- 12 leads simultaneous 10-second resting ECG with interpretation in only 60 seconds multilanguage.
- Internal software+print in GB, FR, IT, DE, RU, TR, CN.
- 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 RS 232 port or 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 JPG format, which ensure compatibility with most EMR package.

- rechargeable batteries (optional) with 1 hour capacity in normal use (about 100 ECG printouts)

SOFTWARE INCLUDED FOR DATA STORAGE ON PC

TECHNICAL SPECIFICATIONS

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

Dimension: 296x305.5x92.5 mm Approx 3 kg

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

Sensitivity: 2.5, 5, 10, 20, auto (I-aVF: 10, W1-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)

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

LCD display: 2x16 character LCD display

LED indicator: Sensitivity, speed filter status, HR, Printing form, rhythm lead

Keyboard: Signal quality, power source, battery

Patient data: Membrane keyboard, alphanumeric and symbol available

Basic measurement: ID, name, age, sex, height, weight

Recorder: Heart rate, PR, QRS, QT/QTc, P-R-T axis

Report papers: 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 μ V (p-p) max

Input circuit: floating input

Isolated and defibrillation protected

DC offset voltage: $\geq \pm 300$ mV

Patient leakage current: < 10 μ A

Frequency response 0,05~150 Hz

Power: Power supply: AC or built-in battery (options)

Power requirement: 100-240 Vac, 50/60 Hz, 1.0-0.5 A

Power consumption: 60 W max

Battery capacity: 1 hour of normal use (approx. 100 automatic ECG printouts)

Communication: PC Connection with RS-232 interface and lan

Safety: Class I, Type BF

Conformity: CE, FDA, KFDA, CFDA, NCC

Made in Korea

STANDARD ACCESSORIES

1 PC software (GB/IT) 1 ECG gel tube (250 ml)

1 LAN cable 1 Recording paper roll

1 Patient cable - 10 leads 1 Operation manual (GB/IT)

4 ECG clip-on electrodes

6 Chest electrodes, suction for adult

1 Power cable



DIGITAL 12 CHANNEL COLOUR ECG WITH WI-FI



33223

• 33223 12 CHANNEL ECG 1200G with WI-FI

- 8" TFT display, 800x600 dots high resolution colour LED backlight
- simultaneous 12 leads acquisition and display
- digital signal technique, AC filter, baseline filter, EMG filter
- auto-analysis and auto-interpretation
- Multi-mode display and printing, such as 12, 6+1 (rhythm), 6, rhythm 12, rhythm 10, rhythm 8, rhythm 6. Manual, Freeze etc
- 0.5 built-in lithium rechargeable battery
- 2 USB and LAN Socket for uploading data to PC
- built-in flash memory. Stores more than 1,000 files

Multi-language internal software: GB, FR, IT, ES, PT, PL, SI, TR, RU, KZ, CN.

• 33227 RECHARGEABLE BATTERY - spare

• 32967 PAPER ROLL 210 mm x 30 m

• 33328 ECG CABLE - 10 leads - spare

TECHNICAL SPECIFICATIONS

Input way

Lead

Patient leak current

Input impedance

Frequency response

Time constant

CMRR

EMG interference filter

Thermal paper

Paper speed

Sensitivity selections

Auto record

Rhythm record

Manual record

Measurement parameters

Product safety type

Size

Power

Floating and defibrillation protection

Standard 12 leads

< 10 μ A

≥ 50 M Ω

0.05 - 150 Hz (-3 + 0,4 dB)

≥ 3.2 s

>60 dB, > 100 dB (adding filter)

25/35 Hz (-3 dB)

210 mm x 30 m high-speed

Auto and rhythm record: 25, 50 mm/s, $\pm 5\%$

Manual record: 5, 6.25, 10, 12.5, 25, 50 mm/s, $\pm 5\%$

2.5, 5, 10, 20, 40 mm/mV, $\pm 5\%$.

Standard sensitivity is 10 mm/mV ± 0.2 mm/mV.

Record setup according to auto record format and mode, automatically changing leads, measuring and analyzing.

Record setup according to rhythm record format and mode, automatically measuring and analyzing.

Record setup according to manual record format, manually changing leads.

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)

Class I CF defibrillation and pacing protection

334x320x85 mm

AC: 100-240 V, 50/60 Hz

DC: 14.8 V, 3700mAh rechargeable lithium battery

STANDARD ACCESSORIES

1 ECG cable

1 set limb electrode clamp

1 set chest electrodes

USB connection

Rechargeable battery

Software (same languages as internal software)

Manual: GB, FR, IT

1 ground wire

1 paper roll

Power connection

