

cardiofax^S

Electrocardiograph
ECG-1250A

cardiofax^M

Electrocardiograph
ECG-1350A



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ECG-1250A

High Performance and Economical Light Weight and Portable

Easy-to-view Color LCD

The bright color backlit LCD lets you review the data more easily, and view all 12-leads simultaneously.

Easy Data Entry, Storage, and Retrieval

Internal Memory With Communications USB, and Compact Card.



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ECG-1350A

12-Lead ECG Analysis and Interpretation

ECAPS 12C interpretive analysis program provides simultaneous 12 lead acquisition of up to 24 seconds and analyzes approximately 200 findings and 5 judgement categories.

Space-saving Design

The compact design requiring minimal table surface for use and storage makes it convenient for offices with limited space.

Large Backlit Color LCD

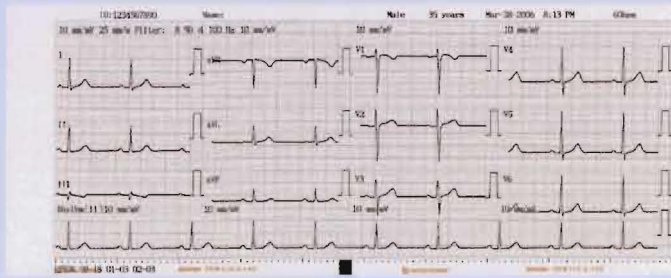
Large backlit LCD display facilitates data review.

Easy Data Entry, Storage, and Retrieval

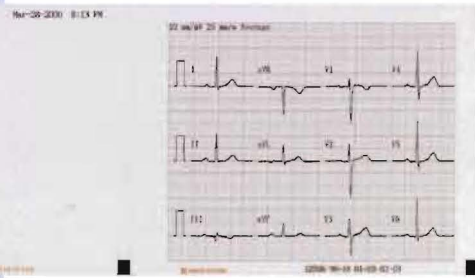
Internal Memory With Communications USB, and Compact Card.

Warranty Statement

Nihon Kohden has been manufacturing high-quality ECG diagnostic products since 1951 and we back our Cardiofax ECG products with a full 3-year warranty, and an optional fourth year at no additional charge with the return of the enclosed warranty card.



10:1234567890
 Name: 55 years
 Sex: Male
 Vent rate: 100 bpm
 PR: 140 ms
 QRS dur: 88 ms
 QT/QTc: 380/384 ms
 P/QRS/T: 90°/30°/30°
 ST-T: 1.125°/1.515°
 ST-T: 3.193°
 1102 Normal rhythm
 10:00 → normal RST →



Specifications

ECG Acquisition

Sensitivity: 10 mm/mV \pm 2%
 Input impedance: \geq 20 M Ω
 Common mode rejection ratio: \geq 100 dB
 Frequency response: 0.05 Hz to 150 Hz
 (-3 dB) (drift filter: off, high-cut filter: 150 Hz)

Signal Processing

Analysis sampling rate: 500 samples/s
 Acquisition sampling rate: 8000 samples/s
 AC interference filter: 50/60Hz
 Time constant: \geq 3.2 s
 High cut filter: 75,100, 150 Hz

Display

Type: Color LCD (CCFT backlight)
 Display size: 5.7 inch
 Resolution: 320 \times 240 dots
 Data Display: 12 lead ECG waveform, patient information, recording settings, operation mode, heart rate, QRS sync mark, CAL mark, error message, electrode detachment, noise
 ECG waveform: 12 lead (2.88 s/lead)

Recorder

Printing process: High resolution thermal print head
 Number of channels: 1250A-3, 4, 6
 Number of channels: 1350A-3, 4, 6, 12
 Paper speed 1250A: 10, 12.5, 25, 50 mm/s
 Paper speed 1350A: 5, 10, 12.5, 25, 50 mm/s

ECG Analysis

Program name: ECAPS 12C
 Analysis patient age: 3 years to adult
 Analysis time: 5 s
 Finding items: approx. 200
 Judging items: 5

Accessories

SD Memory Card: QM-064DE
 Battery 1250A: SB-901D
 Battery 1350A: YZ-024H9
 Patient Cable: BA-903D
 Paper: PA-9000Z

Options

NK-CART3: Cart, Basic models
 1250A and 1350A ECG
 KD-010A: Cart, Custom
 DI-002A: Cart, Custom Optional Storage Tray
 KH-801E: Cable Arm Hanger for Custom Cart

Dimensions and Weight

Dimensions 1250A: 210 W \times 69 H \times 280 D mm (excluding protrusions)
 Dimensions 1350A: 236 W \times 120 H \times 322 D mm (excluding protrusions)
 Weight:

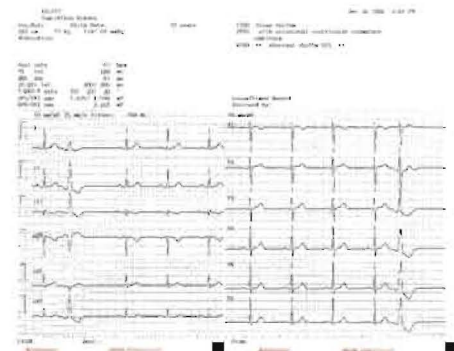
Main unit 1250A: approx. 2.0 kg \pm 10% (without battery and recording paper)
 Main unit 1350A: approx. 3.9 kg \pm 10% (without battery and recording paper)

Power Requirements

Power line voltage 1250A: 100 to 127V, 220 to 240 V \pm 10%, 50/60Hz
 Power line voltage 1350A: 100 to 240V \pm 10%, 50/60Hz
 Operating time 1250A: Approximately 60 minutes with fully charged new battery
 Operating time 1350A: Approximately 30 minutes with fully charged new battery

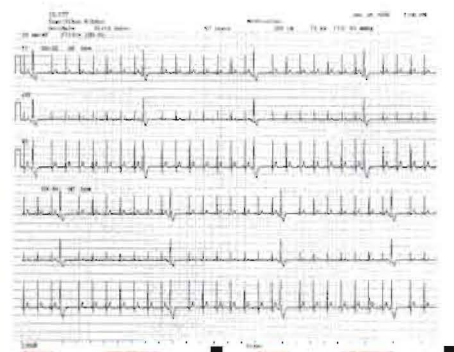
ECG-1250A

Standard 12-lead ECG report format of four columns by three rows with a rhythm strip at the bottom. Patient demographics, interpretation, and measurements are printed to a perforated following sheet.



ECG-1350A

Full sized A-4 format (single page chart size sheet) with patient demographics, interpretation, and measurements printed above the ECG tracings.



ECG-1350A

Sample rhythm recording.



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