

# cardiofax<sup>S</sup>

## Electrocardiograph 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.

### **Easy Data Entry and Storage**

For identifying patients and easier filing, you can enter the patient name and a numeric ID with the alphanumeric keys.

### **High Level 12 Lead ECG Analysis**

*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 and Storage**

*Alphanumeric keyboard allow for easy patient data entry.*

*Fighting Disease with Electronics*

## Recording Examples

### 12 lead ECG 3 traces, analysis results and average waveforms



## Specifications

### • ECG Acquisition

Sensitivity: 10 mm/mV  $\pm 2\%$   
 Input impedance:  $\geq 20 \text{ M}\Omega$   
 Common mode rejection ratio:  $\geq 100 \text{ dB}$   
 Frequency response: 0.05 Hz to 150 Hz  
 ( $-3 \text{ dB}$ ) (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:  $\geq 3.2 \text{ s}$   
 High cut filter: 75, 100, 150 Hz

### • Display

Type: Color LCD (CCFT backlight)  
 Display size: 5.7 inch  
 Resolution: 320 x 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: 3, 4, 6  
 Paper speed: 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: SB-901D  
 Patient Cable: BA-903D  
 Paper: PA-9000Z

### • Options

Cart-NK-KD010A

### • Dimensions and Weight

Dimensions: 210 W x 69 H x 280 D mm  
 (excluding protrusions)  
 Weight:  
 Main unit: approx. 2.0 kg  $\pm 10\%$  (without battery and recording paper)

### • Power Requirements

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



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