

FX-8200 Specifications

ECG

| | |
|---|---|
| Sensitivity changes | 1/4, 1/2, 1, 2, Auto |
| Differential and synchronous offset voltage (Voltage between electrode and patient's skin) | ±600 mV and above |
| Sine wave characteristics | 0.05 Hz to 250 Hz |
| Low frequency characteristics (time constant) | 3.2s or more |
| Common-Mode Signal Suppression | 103 dB and above (2 mm [p-v] and below at sensitivity level 1) |
| Leads | Standard 12-lead |
| Filter | AC filter: -20 dB or less at 50 Hz or 60 Hz Muscle filter: -3 dB (-6 dB/oct) or less at 35 Hz or 25 Hz Drift: -3 dB (-12 dB/oct) or less at 0.25 Hz or 0.5 Hz |
| Printing | Thermal Head Method |
| Printing Speed | 5, 10, 12.5, 25, 50 mm/s ±2% or less |
| Printing channel | 3, 6 ch |
| Appropriate chart paper | OP-222TE (with grids, Z-fold paper) |
| Display | Color LCD, 800 x 480 dots (with LED backlight) |
| A/D conversion | 18-bit |
| Sampling Rate | 8000 samples/sec. |
| LAN port | Conforms to IEEE802.3u 100BASE-TX (The cable must be within 50 m.) |
| USB port | Compatible with USB2.0 Full Speed, 3 ch |

Equipment

| | |
|------------------------|---|
| Power Supply | AC power: AC 100-240V 50/60 Hz DC power: 9.6 V DC (Battery pack) |
| Power Consumption | 80 VA (AC), 40 W (DC) |
| Dimensions | Approximately 260 mm(W)×206 mm(D)×66 mm(H) |
| Weight | Approximately 1.8 kg (main unit only) Approximately 2.3 kg (including options such as battery and wireless LAN adapter) |
| Battery operation time | 120min |

Optional Accessories



USB memory (USB-1G)



Battery (8PH-4/3A3700-H-J18)



Printing Paper (OP-222TE)



Interpretation/Analysis Software (FP-809)

Advanced Electrocardiograph

FX-8200



CardiMax FX-8200

Advanced Electrocardiograph

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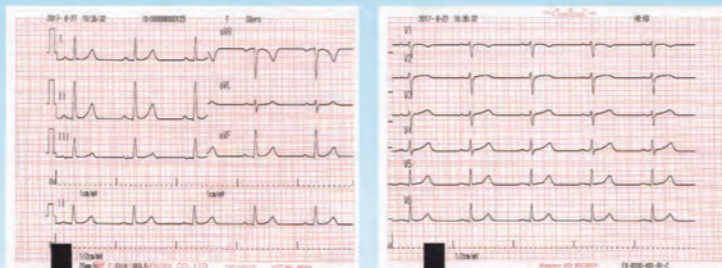
Our new generation CardiMax FX-8200. Our most advanced yet.

The large colour Touch screen allows the operator easy access to multiple functions in a compact, lightweight package.



Standard 12-lead ECG Waveform Recording

The FX-8200 acquires 12-lead ECG, and prints waveforms and measurements on to 110mm wide chart paper. The hardware and software program have been newly designed to increase the overall accuracy of the ECG measurement.



▲ 3+ rhythm lead Recording

▲ 6-channel Recording

Varieties of Recording Formats

The operator can select a desired waveform recording format from a 3 or 6-channel, report. The Automatic Recording Mode allows selection from these as well as a 3-channel + 1 rhythm lead. In addition, a reporting format for the measurement report or the optional ECG analysis report can be selected as required.



▲ Measurement Report (Dominant 3)

▲ Measurement Report (Dominant 1)

R-R Trendgraph Examination

Examination of the R-R interval trend, a standard feature, measures and quantifies R-R intervals for a selected lead for a maximum of 5 minutes and records the result as a report. The report can be used as an indicator for autonomic imbalance.



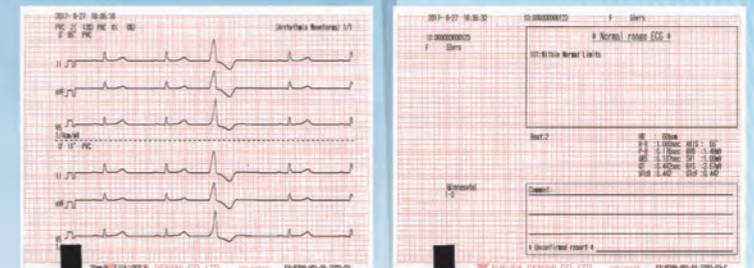
▲ R-R Trendgraph

Internal Memory

The FX-8200 is equipped with an internal memory which can store up to 500 examinations. The operator can review selected ECG records from the memory and print them as required. A data list can also be printed.

New ECG and Arrhythmia Analysis Program

An optional analysis program (FP-809) enables the FX-8200 to analyze ECG data and arrhythmias. Fukuda's considerable experience in the development of ECG analysis software has culminated in the development of this latest version (TG) which allows even greater precision in analysis.



▲ Arrhythmia Waveform

▲ Analysis Report

Communication Ports

2 x USB ports are at your disposal to allow extra memory or a barcode reader to be added. A standard network port allows bidirectional communication with our Data Management System (EFS-250).



Battery Operation

An optional integrated battery allows the FX-8200 to operate for approximately two hours without being connected to the mains power supply.

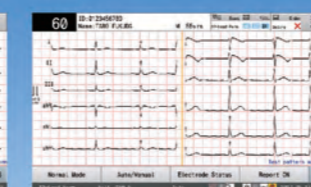
Easy Operation

Large colour LCD Screen

The 7-inch wide LCD screen displays real-time ECG waveforms, up to 12 leads at a time, allowing the operator to check waveform status before recording. The LCD screen displays waveforms and heart rate plus patient data, such as ID number, and instrument conditions including filter settings.



▲ 6-channels Display



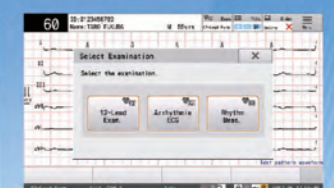
▲ 12-channels Display

Touch Screen Operation

The FX-8200 has been designed to be extremely simple to operate. Only the required keys necessary for the function being used are displayed on the screen. Icons can be selected while viewing data on the screen, to easily make use of multiple functions. When entering the patient name and other information, the touch screen becomes an alphanumeric keyboard.



▲ Alphanumeric Keyboard



▲ Mode Select Window

