FX-8200 Specifications

ECG

Leads	Standard 12 leads
Sensitivity selection	1/4, 1/2, 1, 2 cm/mV; manual or automatic
Time Constant	3.2 sec or greater
Frequency response	0.05 Hz to 150 Hz (within -3dB)
Common mode rejection ratio	103 dB or greater
Polarization voltage	±600mV or greater
A/D conversion	18 bits
Sampling frequency	8000 samples/sec/channel
Filters	AC: 50 or 60 Hz, -20dB or less Muscle: 25 or 35 Hz, -3dB (-6dB/oct) Drift: 0.25 or 0.5Hz, -3dB (-6dB/oct)
Interpretation function / Arrhythmia analysis	Optional

ECG Storage

Internal memory	Up to 500 examinations

Display

Device	7" wide colour LCD with backlighting
Resolution	800 × 480 dots
Representation	6/12 channels/display

Operation

Devices for operation	Touch screen and membrane keys

Recorder

Method	Thermal dot array
Paper speed	5, 10, 12.5, 25 or 50 mm/sec
Recording paper	Z-fold, 110mm x 20m, fold length:140mm (OP-222TE)

I/O interface

Communication	LAN port (10/100base TX) USB port × 3 (1 for wifi adapter)

Safety

Regulatory standards	IEC60601-1, IEC60601-2-25
Electrical shock protection	Class I, Type CF and Internally powered equipment, Type CF
Conformity	CE marking per 93/42/EEC Directive

General

Power requirements	100 to 240V AC Universal, 50/60Hz, 80VA or 9.6V DC (optional rechargeable battery pack), 45W
Dimensions	260 (W) × 206 (D) × 66 (H) mm
Weight	Approx. 2.8 Kg (w/o battery)

Option

Program	FP-809: Interpretation, Arrhythmia Analysis
Rechargeable battery	8PH-4/3A3700-H-J18 (Ni-MH) Battery operation time : 120min

Accessories

USB memory (USB-1G)

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

Printing Paper (OP-222TE)

Interpretation/Analysis Software (FP-809)

FUKUDA DENSHI reserves the right to change specifications without notice.

CE 0086

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Advanced Electrocardiograph

FX-8200

FUKUDA

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.

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.

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.

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.

▲ 3+rhythm lead Recording

▲ 6-channel Recording

▲ Measurement Report (Dominant 3)

▲ Measurement Report (Dominant 1)

▲ R-R Trendgraph

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 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