

Electrocardiograph Product Solutions



 **FUKUDA**

Medical Innovation for a Brighter Tomorrow

Table of Contents

■ Introduction	4
■ Advanced Electrocardiograph	6
▪ CardiMax FX-9800	8
▪ CardiMax FX-8400	10
■ ECG Data Management System	12
▪ EFS-1000 - Data Mangement System	14
▪ 12-lead ECG Data Integration via CVW	16



Introduction

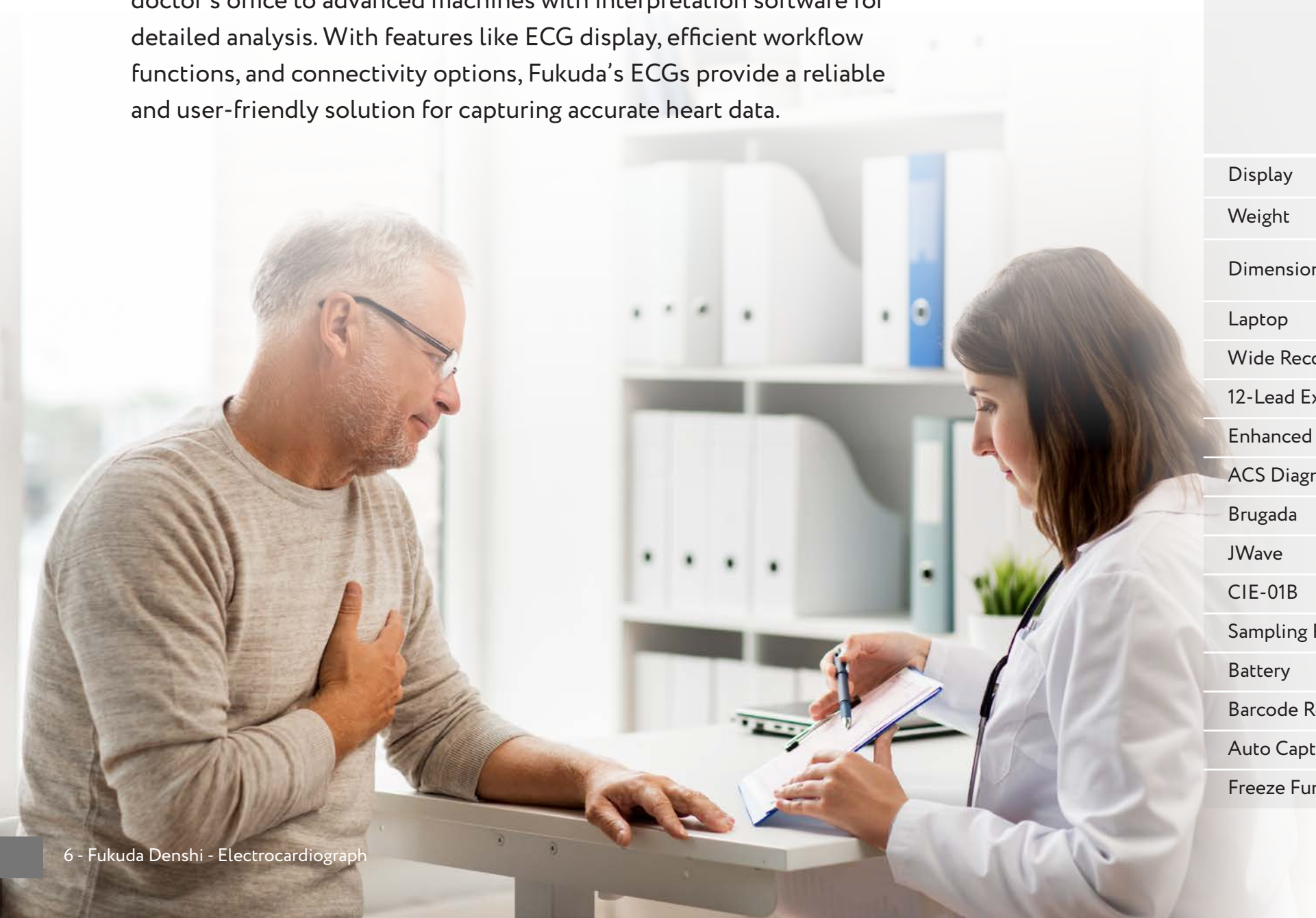
From Japan's first electrocardiographs to patient monitoring systems and other medical engineering breakthroughs, we are forever committed to improving the health of people around the world.



Our promise today, just as it has always been, is to be the company our customers trust to deliver the most important patient data, exactly where clinicians can use it. In hospitals and healthcare facilities, we're proud to drive insights that lead to better decisions - decisions that save lives every day.

It's a promise we are uniquely qualified to make because we have intentionally designed every system to be flexible enough to adapt to any workflow or acuity level. From day one, Fukuda delivers exceptional value - value that also endures, thanks to the best support team in the industry.

Advanced Electrocardiograph

Fukuda offers a range of electrocardiographs (ECGs) under our CardiMax brand. These devices are used to record electrical activity of the heart, aiding in the diagnosis of heart conditions. Our ECGs come in various configurations, from compact and portable models for use in a doctor's office to advanced machines with interpretation software for detailed analysis. With features like ECG display, efficient workflow functions, and connectivity options, Fukuda's ECGs provide a reliable and user-friendly solution for capturing accurate heart data.



	CardiMax FX-9800	CardiMax FX-8400
		
Display	15.6 -inch / 1920x1080 dots	8-inch / 800x480 dots
Weight	17.6 lbs	9.9 lbs
Dimensions (WxDxH)	15.2 x 13.7 x 4.8 inch (LCD closed)	13.0 x 13.8 x 4.4 inch (including protrusion)
Laptop	O	X
Wide Recording Paper	210 mm	210 mm
12-Lead Examination	O	O
Enhanced ECG	O	X
ACS Diagnostic Support Function	O	O
Brugada	O	O
JWave	O	O
CIE-01B	O	X
Sampling Rate	32,000 samples/sec	8,000 samples/sec
Battery	120 min	240 min
Barcode Reader	O	O
Auto Capture Function	O	O
Freeze Function	O / 10 min	O / 5 min

CardiMax FX-9800

The FX-9800 is a high-resolution resting interpretive cardiograph designed for fast-paced clinical environments. Its' large 15-inch wide screen and 160° rotating display provide clear and easy viewing of ECG waveforms, while the optional wireless patient module and external keyboard enhances ease of use. The key feature of the FX-9800 is its examination mode; with streamlined setup for quick and accurate ECG interpretation, making it a versatile choice for the ER, postoperative ICU, and more.

Key Features

- High resolution 15-inch wide screen with 160° rotation
- Wireless patient module
- External keyboard
- Synthesized 18-lead function
- Data transfer as XML, DICOM or PDF file over WiFi and/or LAN/wired connection
- Enhanced ECG Examination Mode for increased ability to detect underlying Acute Coronary Syndrome (ACS)

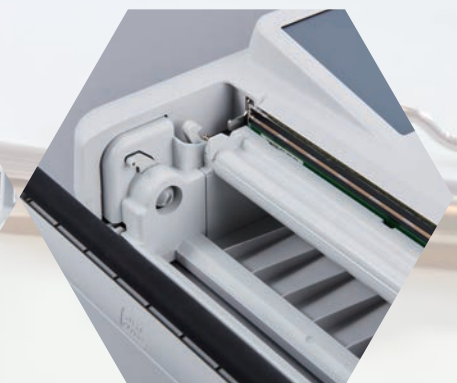
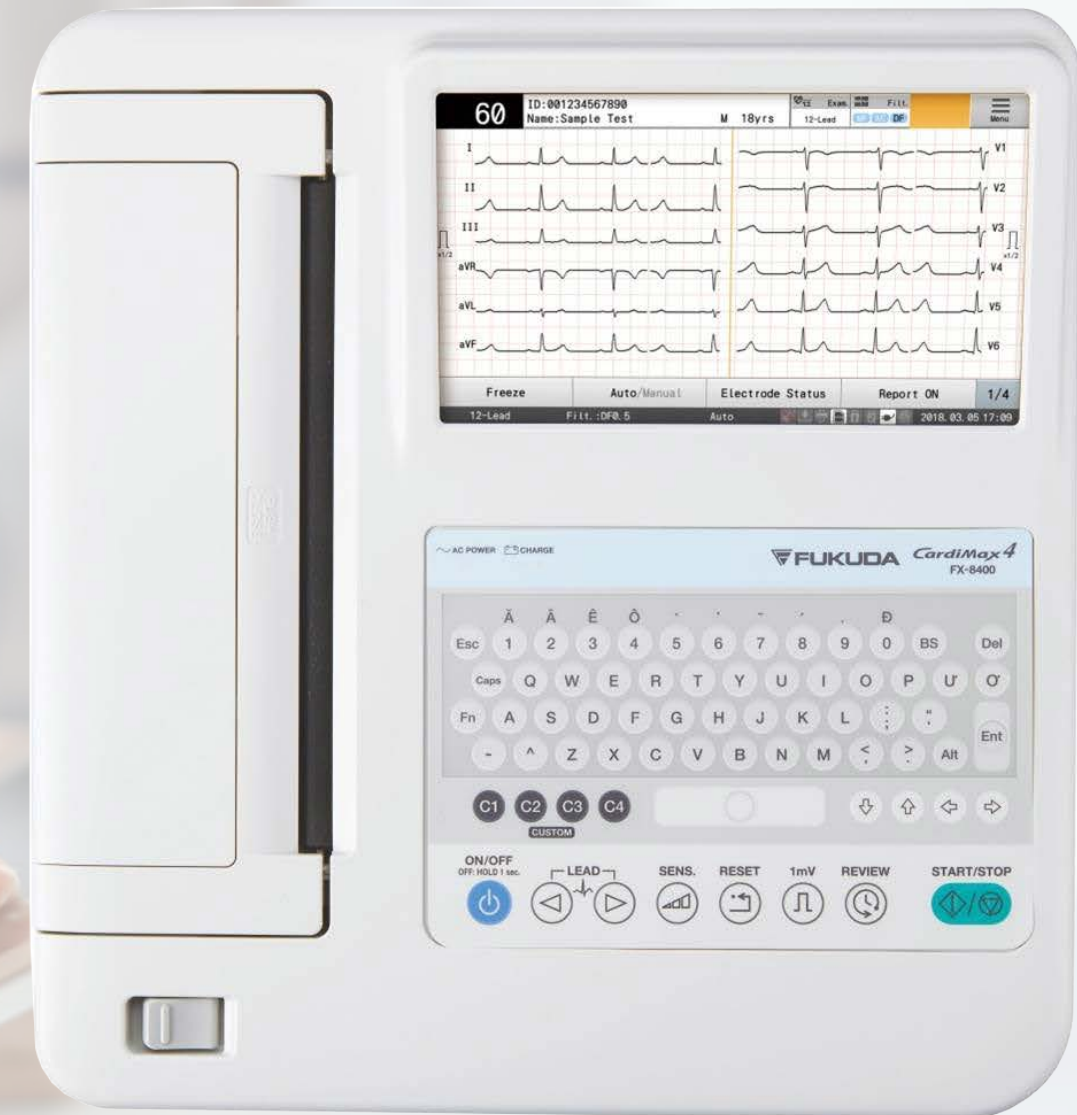


CardiMax FX-8400

The FX-8400 has a large 8-inch widescreen LCD offering unparalleled ease of use for checking patient data, as well as presenting clear, accurate ECG waveforms. Also, for more effective identification of the presence of acute myocardial infarction, the FX-8400 combines the ACS diagnosis with additional functions: synthesized 18-leads and an ACS diagnosis system.

Key Features

- 8-inch wide color LCD with touchscreen
- Auto capture function to detect noiseless waveforms automatically
- Latest analysis software including Brugada syndrome detection
- Synthesized 18-lead analysis function to support ACS diagnosis
- Data transfer as XML, DICOM or PDF file over WiFi and/or LAN/wired connection
- ECG Interpretation Software - FP-811 included



ECG Data Management System

IT has increasingly spread into our lives through technology such as smartphones and AI software. With innovative IT, we are creating better lives and businesses. Newer and better IT is also being introduced into the field of medicine. At Fukuda, we globally introduce our innovative technology through medical equipment such as electrocardiographs and patient monitors.

Electrocardiograms are no longer limited to the requirement of being printed for observation or limited to just being used within hospitals. The ECG's waveform data can now be sent to a PC for viewing, which can then universally be used within a variety of medical facilities.

At Fukuda, we continually develop and manufacture better medical technology by providing our highest quality products and services. We combine the latest IT technology with our intuitive processes we have developed since the founding of our company.

EFS-1000 - Data Management System

The EFS-1000 is a state-of-the-art Electrocardiogram (ECG) Examination Data Management System designed to streamline the process of managing ECG data in healthcare settings. With its user-friendly interface and seamless integration capabilities, the EFS-1000 stands as an indispensable tool for medical professionals.

Key Features

- Intuitive User Interface
 - Simplified order progress tracking with vibrant, easily interpretable icons
 - Effortless navigation ensures a smooth workflow for the medical staff
- Advanced Search Capabilities
 - Comprehensive order list search options including department, ward, and physician
 - Filter examinations by their progress status for efficient management
- Versatile Viewing Options
 - Access detailed ECG examination results in various formats:
 - 12-lead ECG
 - Synthesized 18-lead ECG
 - 15-lead ECG
- Precise Measurement Tools
 - Multiple waveform measurement options to suit different clinical needs:
 - Standard ruler for basic assessment
 - Divider for detailed analysis
 - Parallel ruler for complex evaluations
- Seamless Integration with Hospital Systems
 - EMR coordination: send and receive orders and results between the EFS-1000 and hospital EMR servers in formats like PDF or DICOM
 - ECG coordination: direct communication with electrocardiograph for efficient data transfer and enhanced workflow

12-lead ECG Data Integration via CVW

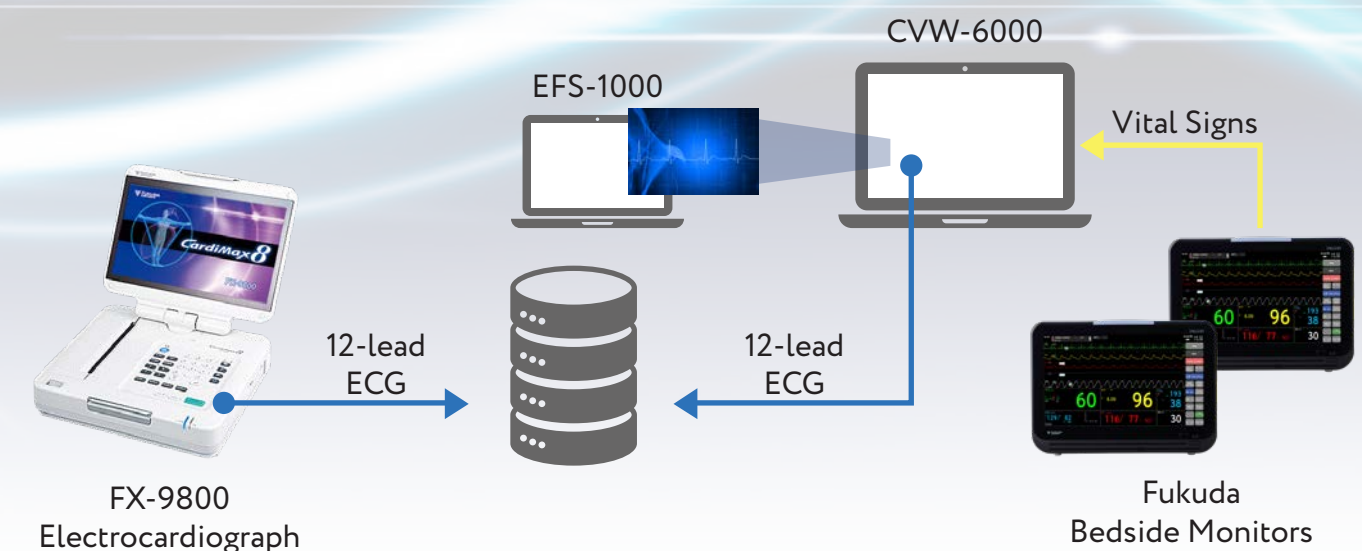
Centralized management of all ECGs recorded in the hospital, including outpatient, ER, and inpatient wards. Seamless access to time series data from CVW. System bundle proposal with the CVW-6000 as the platform and the EFS-1000 as a 12-lead ECG expansion option for the CVW-6000.

The EFS-1000 is used to store and manage 12-lead electrocardiogram (ECG) recordings obtained in outpatient clinics, the emergency room, and hospital wards.

The attending physician of an inpatient can directly launch EFS from the CVW system to access the ECGs of patients in the ward. This enables seamless comparison and verification of 12-lead ECGs from before admission, immediately after admission, for ad hoc ECGs, and in conjunction with monitoring vital signs during the hospital stay.

If 12-lead monitoring is conducted in the ward using a patient monitor, the EFS-1000 can process and store the 12-lead ECGs captured through the monitor, similar to an ECG captured through an electrocardiograph, for the centralized management of ECGs.

- How are 12-lead ECGs managed at hospitals?
 - 12-lead ECG data recorded by electrocardiographs and patient monitors are centrally managed by the EFS-1000
- How to access patient's 12-lead ECG?
 - Launch EFS-1000 from CVW-6000 to display ECG data for a patient being monitored.
 - *search and display from EFS-1000's viewer
- In what situations are these data outputs or presentations effective?
 - When monitoring the progress of a patient during hospitalization or in an outpatient setting, being able to compare the outpatient/ER, immediately after admission, and current or ad hoc ECGs - in chronological order



Contact Us

 1-800-365-6668


 Technical Support x #1

 5:00 AM – 5:00 PM (PST) / 8:00 AM – 8:00 PM (EST)

 After Hours Support x #1, press #1 again

 Customer Support x #2

 Ordering: CustomerService@fukudaamerica.com

 17725 NE 65th Street
Building C
Redmond, WA 98052





Medical Innovation for a Brighter Tomorrow

<http://www.fukudaamerica.com>



FUKUDA DENSHI USA, INC.
17725-C NE 65th Street Redmond, WA 98052
Toll Free: (800) 365-6668 / Local: (425) 881-7737 / Fax: (888) 224-7090

The information contained in this document is subject to change without notice.
© 2025 FUKUDA DENSHI USA, INC. All rights reserved. Document No. USRB-0302-00