

FCP-8100 / FX-8100 Specifications

ECG

Standard Sensitivity	1/4, 1/2, 1, 2, Auto
Differential and Common-Mode Offset Voltage (Electrode-Skin Voltage)	±600 mV and above
Sine wave characteristics	0.05 Hz to 250 Hz
Low frequency characteristics (time constant)	3.2sec. and above
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 Print Head Method
Printing Speed	5, 10, 12.5, 25, 50 mm/s ±2% or less
Printing channel	1, 3 ch
Recording Paper	OP-119TE 63/30M OP-122TE 63/20M
Display	7 inch wide 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: 100-240 V AC 50/60 Hz DC power: 9.6 V DC (Battery pack)
Power Consumption	70 VA (AC), 40 W (DC)
Dimensions	Approximately 190 mm(W)×250 mm(D)×70 mm(H) Approximately 1.5 kg (main unit only)
Weight	Approximately 2.0 kg (including options such as battery and wireless LAN adapter)
Battery operation time	120min

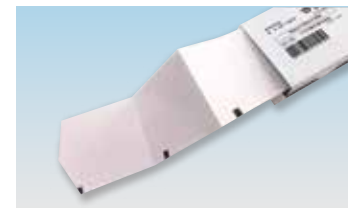
System Components



Ni-MH BATTERY PACK (8PH-4/3A3700-H-J18)



Recording Paper (Roll, OP-119TE 63/30M)



Recording Paper (Z-fold, OP-122TE 63/20M)

CE 2797

UK
CA
0086

FUKUDA DENSHI reserves the right to change specifications without notice.

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Electrocardiograph

FCP-8100 FX-8100

CardiMax

FCP-8100 FX-8100

Electrocardiograph



FUKUDA

Compact and Portable

The FCP-8100/FX-8100 is one of the smallest and lightest ECG units on the market. Its large 7" widescreen LCD offers unparalleled ease of use for checking patient data as well as clear, accurate ECG waveforms.



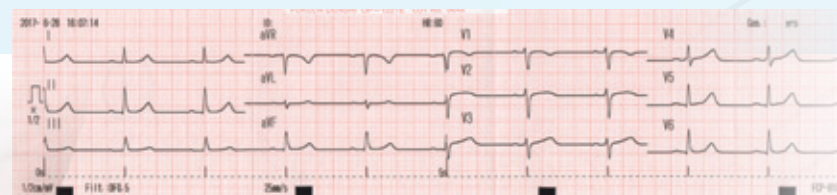
Standard 12-lead ECG Waveform

The FCP-8100/FX-8100 features the largest LCD in its class. The large 7" widescreen format allows the user to review real-time ECG waveforms up to 12 leads at a time. The increased viewing area allows improved observation of critical waveforms and heart rate. In addition, the user can review patient demographics and instrument settings from the main screen.



Selectable Recording Formats

The user can select recording formats from 1 or 3-channels. The Automatic Recording Mode allows these selections as well as the selection of a 1 channel + 1 rhythm lead with a selectable continuous recording waveforms mode. Reporting format for measurement or analysis can be selected as required.



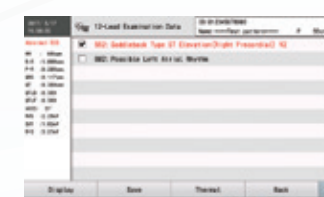
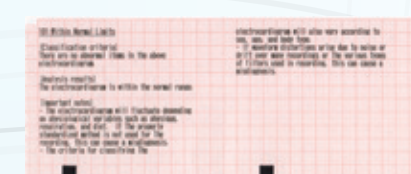
Internal Memory

An internal memory allows users to store waveforms and measurement/analysis data for up to 500 examinations. The operator can review selected ECG data from the memory on the LCD screen or print it as required.

No.	ID	NAME	DATE	Genl. App.	Order No. Examination	TYPE	Dist.
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0001	0000000000	0000000000	2017/11/11	10:00:00	Rest 12-Lead ECG	12	

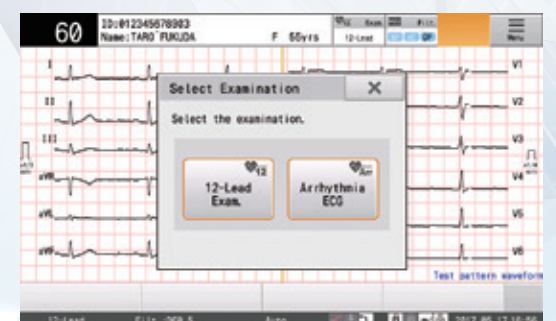
Interpretation and Arrhythmia Function (FCP-8100 only)

Our latest Interpretation and Arrhythmia analysis (TG version) is a standard feature on the FCP-8100 (only). It allows higher precision in analysis thanks to our ECG analysis technologies cultivated over the years.



Touch Screen Operation

Operation of the FCP-8100/FX-8100 can be carried out directly on the touch screen. It provides a simpler way to enter data and move through the settings. Also with its new feature, customization of function keys, you can set up a shortcut for commonly used functions.



Communication Port

2 x USB ports for extra memory if needed or a barcode reader for easy admission. A standard network port is also available for bidirectional communication with our Data Management System.



Battery Operation (Option)

An optional built-in battery allows the unit to operate for up to 2 hours without being connected to the mains power supply. This convenient feature allows the user to conduct ECG examinations even when AC power may not be available.