



FC-1760

Defibrillator/Monitor

The portable defibrillator/monitor FC-1760 goes everywhere with color LCD monitor that allows ECG monitoring as required. Package is built more compact and lightweight, thereby allowing the nursing staff to use it conveniently in emergencies.



Features

- 5.5 inch color LCD for clear information
- Optional telemetry transmitter enables both ECG and Respiration monitoring
- Voice Guidance provides the instrument status
- Built-in recorder automatically activated upon energy discharge and/or alarm
- Contact Resistance Indicator on Paddle for efficient energy discharge
- Synchronous / Asynchronous mode selectable
- Rechargeable Battery or AC power operation
- Three (3) steps for simple and quick operation

One : select energy level

Two : energy charge

Three : discharge

Specifications

Defibrillator	
Output energy levels (with 50 ohms load)	2, 3, 5, 7, 10, 20, 30, 50, 70, 100, 150, 200, 300, 360 joules (with external paddles) 2, 3, 5, 7, 10, 20, 30, 50 joules (with internal paddles)
Charge times	Within 10 seconds to 360 joules on AC operation Within 12 seconds to 360 joules on DC operation
Discharge modes	Synchronous and asynchronous
Discharge	Single-phase pulse (with 50 ohms load)
Peak voltage	5kV max. (with 100 ohms load)
Number of discharge	30 times min. (battery operation)
ECG	
Leads	I, II, III (ECG lead), paddle lead, telemetry lead
Time constant	0.3 seconds
Sensitivities	1/4, 1/2, 1, 2, 4cm/mV manual or automatic selection
Monitor	
Display	5.5inch LCD
Display mode	Non-fade, stationary Cascaded ECG or 2-channel (ECG and Respiration with LX-5120)
Sweep speed	25mm/sec. (ECG), 8mm/sec. or 25mm/sec. (Respiration)
Display time	Approx. 8.8 seconds
Alarm setting limits	15 to 300 bpm (HR)
Alarm indication	Audible and visual
Recorder	
Recording method	Thermal dot array method
Paper speed	25mm/sec.
Recording paper	50mm x 30m
Print items	Year/month/day, hour:minute, ECG lead, set energy level, output energy level, sensitivity, heart rate, synchronous point, discharge point
Recording modes	Manual (approximately 8.8 seconds delayed waveform), automatic and freeze waveform recording
Telemetry	
Transmitter	Optional LX-5120
Receiver system	Double superheterodyne with crystal controlled synthesizer
Antenna	Built in (whip antenna)
Receivable parameters	ECG, Respiration
General	
Protection against electrical shock	Class I, Type CF (with ECG lead, internal paddles), Type BF (with external paddles)
Battery charge time	Approx. 150 minutes
Battery operation time	1 hour when operated for monitoring purpose only
Power requirements	AC90V to 240V, 50/60Hz ; 170VA max., or 12V DC rechargeable battery
Dimensions	33.0(W) x 43.0(D) x 12.0(H) cm
Weight	Approx. 8.2kg (incl. external paddles TE-300)

FUKUDA DENSHI reserves the right to change specifications without notice.


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