

Specification

Electrocardiograph

- ~ Examination: Standard 12 lead (rest/Post exercise), Arrhythmia (3 lead), Rhythm RR (1 lead), Stress test (FX-8322R only)
- ~ Sensitivity: 1/4, 1/2, 1, 2 cm/mV
- ~ Polarization voltage: $\pm 550\text{mV}$
- ~ Frequency response: 0.05 to 150Hz (within -3dB)
- ~ CMR: 103dB or more
- ~ Internal noise: $30\mu\text{V}$ (p-p) or lower
- ~ Sampling rate: 8000 samples/sec
- ~ AC filter: -20dB or less @ 50/60Hz
- ~ Muscle filter: -3dB (-6dB/oct) @ 25/35Hz
- ~ Drift filter: -3dB or less @ 0.25/0.5Hz
- ~ A/D converter: 18 bits

Recorder

- ~ Recording system: Thermal array
- ~ Width of paper: 210 mm
- ~ Recording speed: 5, 10, 12.5, 25 and 50 mm/s
- ~ Recording channels: Auto: 3chx4, 3chx4+R, 3chx4+2R, 6chx2, 6chx2+R
Manual: 3ch, 6ch, 12ch
- ~ Recording paper: Roll: OP-69TE (210mm x 30m)
Z-fold: OP-618TE (210mm x 30m)

External Connectors

- ~ Serial ports x2
- ~ LAN (10base-TX) x1
- ~ USB (USB2.0) x2
- ~ VGA output (FX-8322R only)

Display

- ~ Type: 6.5" colour LCD with backlighting
- ~ Resolution: 640 x 480 dots
- ~ Displayed channels: 3, 6, 12
- ~ Patient information: ID, age, sex, height, weight, etc

Operation

- ~ Membrane buttons, Keyboard
- ~ Touch screen

Analysis Software (opt.)

Measurement Operation

- ~ Basic measurement: Heart rate, RR time, PR time, QRS time, QT time, Qtc, electrical axis, SV1 and RV5(6)
- ~ Heart rate range: 20 to 300 bpm
- ~ Accuracy: ± 2 bpm
- ~ Internal memory: Approximately 500 examinations of 10 seconds (12 lead)

Analysis Operation

- ~ Interpretation and Code: Approximately 120 types
- ~ Minnesota Code: Approximately 130 types

Analysis Operation (cont.)

- ~ Grade judgement: 4 levels
- ~ Exercise test judgement: 3 levels (at rest only)

Entire Equipment

General

- ~ Safety: Class I and internally power supply equipment, Type CF
- ~ Power Supply (AC): 100 ~ 240V, 50/60Hz
- ~ Power consumption: 100VA
- ~ Power supply (DC): Lithium Ion battery (BTE-002) 14.8V DC
- ~ Battery operation time: 90 min
- ~ Battery charging time: 180 min
- ~ Dimensions: 370(W) x 320(D) x 89(H) mm
- ~ Weight: approx. 5.2 kg (w/o battery)

Operating Environment

- ~ Temperature: -10 ~ 40°C
- ~ Humidity: 25 ~ 95%

Transport/Storage Env.

- ~ Temperature: 10 ~ 50°C
- ~ Humidity: 10 ~ 95%

