

Durable and compact designed, Easy operation, High-resolution printout

The C110 1/2-ch Digital Electrocardiograph is durable, compact in design and weighs only 2.0kg. The unit can be both operated on AC main and built-in rechargeable battery. The high-resolution thermal printer provides a clear printout on 50mm-width roll, or z-fold paper whether on 1- or 2-ch mode.

Cardisuny C110

1/2-Channel Digital Electrocardiograph



Features

- Automatic / Manual recording
- 1- or 2-ch recording
- 3 sec. to 10 sec. lead recording time
- Digital filter: AC interference, Muscle and Base line drift
- LCD display: Lead, H.R. (BPM) and Battery low indication
- Alarms: Electrode OFF, R-wave detection error, Paper error
- Auto P-wave recording start
- Auto base line positioning

Auto Battery Power Off

The battery power supply is cut off automatically to prevent from wasting energy when the unit is left still in operation mode for 5 minutes.

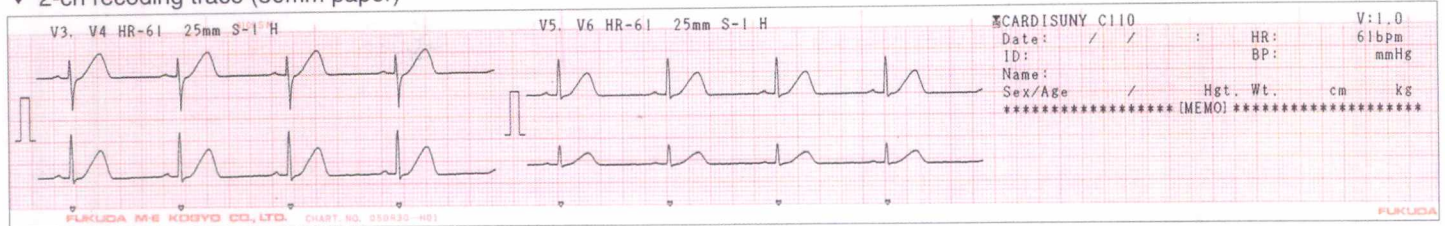
Paper Saving

In addition to the 1-ch recording, the 2-ch recording mode saves 1/2 of paper used in the standard 1-ch mode.

Clear Trace Recording

Incorporation of a high-resolution printer ensures an excellent quality of ECG trace at all time. The recording data for the 1mV calibration signal, the lead indication, heart rate, recording sensitivity and chart speed are also printed on the chart together with the ECG trace.

▼ 2-ch recoding trace (50mm paper)



Diverse Lead Recording Sequence

The 3-ch lead recording sequence is provided for the 1-ch standard 12-lead and the Cabrera lead recording modes to mount the ECG trace on the patient's chart with the 3-ch format.

I	aV _R	V1	V4	II	aV _L	V2	V5	III	aV _F	V3	V6
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3-ch lead sequence for the patient's chart



I	aV _R	V1	V4
II	aV _L	V2	V5
III	aV _F	V3	V6

3-ch format on the patient's chart

Specifications

■ Power requirements & Size

AC 100-240V, 50/60Hz
 DC 9.6V built-in rechargeable Ni-MH battery
 Battery capacity : 1.5 hours continuous recording
 Charging time : 3 hours for a full charge
 Power consumption : 25VA
 IEC classification : Class I, Type CF
 Unit size : 280(W) × 202(D) × 67(H) mm
 Unit Weight : 2.0 kg (Incl. Ni-MH battery)

■ Technical characteristics

Input : Floating circuit
 Input impedance : Greater than 20MΩ
 Time constant : More than 3.2 sec.
 Frequency response : 0.05-150Hz
 Filter/Digital HUM : -20dB at 50/60Hz
 DRIFT : -3dB at 0.5Hz
 EMG : -3dB at 20/30/40Hz

■ General specifications

Recording : 8dots/mm thermal printer
 Recording mode : Automatic/Manual
 Chart paper : 50mm × 30m Roll (or Fold)
 Chart speed : 25, 50mm/sec.
 Sensitivity : 1/2, 1, 2cm/mV & AUTO

■ Accessories

1 × Power cord
 1 × Patient cable
 4 × Cardi-clips
 6 × Chest electrodes
 1 × ECG cream
 1 × 50mm roll paper
 1 × Paper core
 1 × Unit cover
 1 × Operation manual

■ Optional accessories

- Defibrillator-proof patient cable : KP-500D
- Grounding cord
- Carrying bag



Certified Management System

ISO 9001:2008 / JIS Q 9001:2008
 ISO 13485:2003
 EN ISO 13485:2003
 MDD 93/42/EEC Annex II



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*Specifications are subject to change without notice.

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