■ Specifications

■ Input

Input Impedance	10 MΩ or more
Leads	Standard 12 leads and Cabrera leads (Leads acquisition: Coordinate phase or Real time)
Patient Input	One patient
Common Mode Rejection	100 dB or more
Polarization Voltage	± 500 mV or more
Frequency Response	0.05 to 150 Hz, within -3 dB to +0.5 dB
Time Constant	3.2 sec. or more
Filter	Digital filter, hum noise · drift (weak/normal), Muscle (35/25 Hz)
A/D Conversion	12 bit (4.88 μV/digit)
Sampling Rate	1,000 sampling/sec. Pacemaker detection auxiliary function 10,000 samples/sec.

■ Display

Display System	5.7-inch STN liquid crystal monochrome display with backlight, 320 × 240 dots
ECG Display	3Lead, 3+Rhythm Lead, 12Lead

■ Built-in thermal printer

Recording System	Thermal Array (8 dot/mm)
ECG Recording Format	1Lead, 1Lead+Rhythm, 3Lead Recording time: 8 to 24 second, Heart rate, Measurement value
Recording Sensitivity	2.5, 5, 10, 20 mm/mV, Auto selection
Recording Speed	5, 10, 12.5, 25, 50 mm/sec.
ECG Paper	Roll paper (63 mm in width)

■ Safety

Safety	Class I, Type CF
Water Proof Protection	Non water proof device (IPXO)
Flammable Anaesthetic	Not applicable
Mode of Operation	Continuous operation

■ Power Source

Rated Power Supply	110 to 240 VAC, 50 to 60 Hz, 90 VA
Rechargeable Battery	12 VDC1500mAh, Nickel-Metal Hydride battery 3 hours or 700 ECG recordings on a full charge of battery for 8.5 hours. Auto mode: 10 seconds normal waveform and HR 60.

■ Size

Dimensions	266 mm (W) × 173 mm (D) × 75 mm (H)
Weight	Approx. 1.5 kg (including the rechargeable battery)

■ Operating Environment

Temperature	10 to 40°C
Humidity	25 to 95% RH (Without dew condensation)
Pressure	700 to 1060 hPa

■ Transportation and Storage Environment

Temperature	-10 to 60°C
Humidity	25 to 95% RH (Without dew condensation)
Pressure	700 to 1060 hPa

■ Communication Port

LAN port	IEEE 802.3u 100BASE-TX × 1
USB port	1 port (USB 2.0 compliant)

*These specifications are subject to change for quality improvement without notice.

■ Standard Accessories

Power cable	KP300 KS16A for 100V or VM0307B-VM0303B 2.1M NON PB for 200V	1
Limb electrode	CR-3000 (4 pieces/box)	1
Chest electrode	CE-10 (6 pieces/box)	1
Patient cable	PC-201	1
ECG electrode cream 70g		1
Operation manual in CD-R		1
Recording paper	R63x30R-C2	1
Paper spool		1

■ Related Products

Cardico 306
3 Channel Digital Electrocardiograph with Analysis

Cardico 601
6 Channel Digital Electrocardiograph with Analysis

Cardico 1210
12 Channel Digital Electrocardiograph with Analysis

Cardico 1211
12 Channel Digital Electrocardiograph with Analysis

Cardico 1215
12 Channel Digital Electrocardiograph with Analysis

Cardico PC 1201
PC-Based Electrocardiograph

Kenz®

Diagnostic Resting ECG
ECG 305
1/3 channel Digital Electrocardiograph

New Diagnostic Resting ECG
ECG 305
1/3 channel Digital Electrocardiograph

Recording Modes //

Auto Mode
Simple one touch operation of fully automatic ECG recording in preset format.
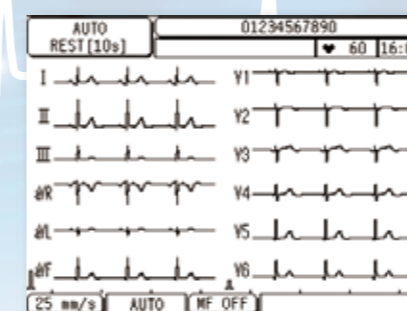
Pre-Check Mode
Standing by for occurrence of arrhythmia. Provided arrhythmia is detected, ECG recording will be automatically started.
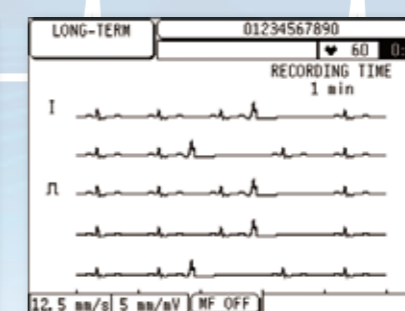
Manual Mode
Conventional manual ECG recording. Leads, speed, sensitivity and filter can be selected manually.

Long Term Mode
Recording a selected lead for a long term (preset for 1 to 5 minutes or continuous recording time).

| 2 x 6 channel ECG | Long Term | List of ECG recording data |

Features //

1.5kg **Compact and lightweight**
Weighing only 1.5kg, inclusive of a built-in rechargeable battery for superior portability.

5.7inch **Large display**
5.7 inch touch screen to display a full alphanumeric keyboard to enter patient information and preview of 12 lead ECG waveforms.
And an optional external PC keyboard can be connected to the ECG 305.

200 **Large data storage capacity**
Internal memory for maximum 200 resting ECG and optional removable USB memory media.

LAN **Data transmission**
ECG data with patient information can be transmitted via LAN port.
Export in XML data format is possible.

24 sec **Diverse recording formats**
Single channel, Single channel + rhythm lead, 3 channels and long-term recording.
Maximum 24 seconds of ECG per lead can be recorded.

Measurements
ECG measurements can be output to support physician's diagnosis.
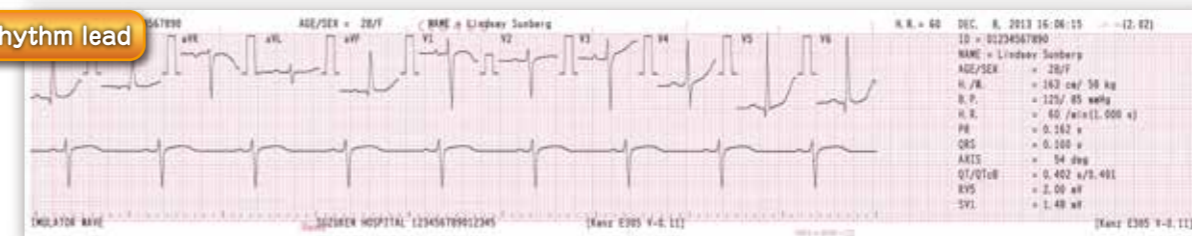
BARCODE **Barcode and magnetic card scanning options**
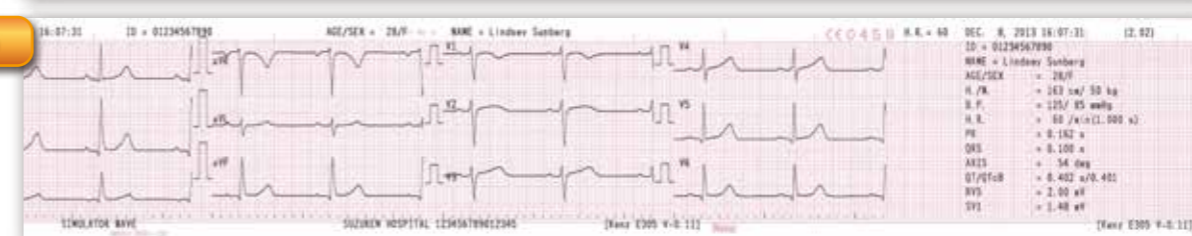Optional barcode or magnetic card reader can be connected.

Printed reports //

1ch

1ch+rhythm lead

3ch

Long Term