ECG Data Management System

KENZ ECG DATA VIEWER CVS® enables to build ECG network and database system among ECG exam room, hospital wards and doctor’s offices.

Specifications

- **Input**
  - Input Impedance: 10 MΩ or more
  - Leads: Standard 12 leads and Cabre’s Lead
  - Patient Input: One patient

- **Common Mode Rejection**
  - 100 dB or more

- **Power Supply Voltage**
  - ±500 V or more

- **Frequency Response**
  - 0.05 - 1500 Hz
  - (Within -3 dB ± 0.5 dB)

- **Time Constant**
  - 20 μs ± 30% or more

- **Patient Leakage Current**
  - 100 μA or less

- **Digital Filter**
  - AC: 60 Hz or less, 50 Hz
  - DC: 60 Hz or less

- **Muscle: 3 dB, 35 kHz, 200 Hz

- **A/D Conversion**
  - 10-bit

- **Sampling Rate**
  - 10000 Samples/sec

- **Digitizer Block Protection**
  - T; 5000 V, 600 V

- **Display**
  - 1.5” inch STN liquid crystal monochrome display with backlight; 320 x 240 dots

- **ECG Display**
  - 4/2-lead

- **Language**
  - English, Russian, Chinese

- **Built-in thermal printer**
  - Built-in thermal printer (80 x 40 mm)

- **Recording Type**
  - Recording Sensitivity: 2.5 - 10 - 20 mm/mV, Auto selection
  - Recording Speed: 5 - 10 - 25 mV/sec

- **Recording Paper**
  - Roll paper (30 mm in width)

- **Safety**
  - Class II, Type BF

- **Transportation and Storage Environment**
  - Temperature: -10 - 60°C
  - Humidity: 25 - 95% RH without dew condensation
  - Pressure: 700 - 1060 hPa

- **Communication Port**
  - LAN port: IEEE 802.3U, 10BASE-TX × 1
  - USB port: 1

- **Memory**
  - Internal Memory: 200 Resting ECG
  - External USB: 5000/200 Resting ECG (option)

- **Keyboard**
  - Alphanumeric Touch Key in LCD
  - Function Keys (Memory Switch): External PC Keyboard

- **Operation mode**
  - Auto, Free, Pre-check, Post check, Manual, Lead: 4 Alarm
  - Arterial monitoring mode: 80 sec, 1-12 mmHg, APC/SVP summary, Automatic Normal System Test

- **Interpretation**
  - Number of Statement: 147 cases
  - Neonatal: 0 - 11 Years Old
  - Child: 12 - 18 Years Old
  - Adult: Older 19 Years Old

- **Options**
  - Optional tests are not standard accessories that come with Cardico 306. Please purchase the items separately.

- **USB Hub**
- **LAN Cable**
- **USB Memory Medium**
- **Carring Case**
- **Mobile Cart**
- **Patient Cable Hanger**
- **Preset Input Printer**
  - (ESC/P-R driver compatible)

**Standard Accessories**

- Power cable: KV3000-K318A for 100V or VM3007B/VM3003B 2.1 m NPN PB for 200V
- AC adapter: WA120A-K1800-700
- Lim electrode: CE-3000 or CE-2000 (containing 4 pieces / box)
- Chest electrode: CE-100 or CE-900 (containing 6 pieces / box)
- Patient cable: PC-200 or PC-109
- ECG electrode cream: 70 g
- Operation manual: 1
- CD-ROM: Operation manual in multiple languages and Physician’s utility guide
- ECG recording paper: RKKXK004-C (100m)
- Paper punch: 1

**Suzuken Company Limited**

8 Higashikatahama-machi
Higashi-ku, Nagoya
Aichi 461-0015 JAPAN
TEL: +81-52-950-6327 FAX: +81-52-962-7440
http://www.suzuken-kenz.com
**Recording Modes**

**Auto Mode**
Simple one touch operation of fully automatic ECG recording and analysis. And you can freeze ECG on the display if any ECG abnormality is found, then you can start automatic recording and analysis of the captured ECG on the display.

**Pre-Check Mode**
Monitoring occurrence of arrhythmia. If arrhythmia is detected, ECG recording and analysis will be started automatically.

**Manual Mode**
Conventional manual ECG recording without analysis. Leads, speed, sensitivity and filter can be selected manually.

**Long Term Mode**
Arrhythmia Analysis: Analyze ventricular premature contraction, supraventricular premature contraction and atrial fibrillation by recording selected single lead for a long term.
Autonomic Nervous System Test (ANST) can be performed.

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**Features**

1. 5.7 inch touch screen for patient data entry and preview of 12 lead ECG and analysis results
2. Huge data storage capability: Internal memory for maximum 200 resting ECG and removable USB memory for 5,000 ECG/2GB
3. Data transmission with LAN port. XML data format output is possible
4. Direct connection with Epson inkjet printer
5. USB port for connecting with external keyboard

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**Print Formats**

- **3ch**
- **4ch**
- **Long Term**