E CG 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: Over 10 MΩ
  - Leads: Standard 12 leads and Cabrera leads
  - Patient Input: One patient
  - Common Mode Rejection: Over 100 dB
  - Polarization Voltage: St 1500 mV
  - Frequency Response: 0.05-150 Hz
  - Time Constant: Over 3 sec
  - Patient leakage current: Less than 10 µA
  - Filter: Digital filter AC-OhrMuscle(35-250Hz)
  - A/D Conversion:
    - 13 bit
    - Supplementary function for pacemaker detection 50 µs
  - Defibrillator protection:
    - To 5000V

- **Display**
  - Display System: 5.7 inches color Touch Panel Display
  - ECG Display:
    - 4 - 6 - 12-Leads
  - Language:
    - English, French, German, Italian, Spanish, Russian

- **Built-in thermal printer**
  - Recording Type: Thermal Array (8 dot/mm)
  - Recording Sensitivity: 2.5 - 5 - 10 - 20 mm/mL, Auto selection
  - Recording Speed: 5 - 10 - 12.5 - 25 - 50 mm/s
  - Recording paper:
    - 2-ply or roll paper
    - (112 mm in width)

- **Safety**
  - Class I, Type BF
  - Water Proof Protection:
    - Non water proof device (FXAD)
  - Flammable anesthetic:
  - Gas protection:
  - Not applicable
  - Mode of Operation:
  - Continuous operation
  - Power Source:
  - Rated Power Supply: 100-240VAC 50/60 Hz 50VA
  - Fuse:
    - 6.3 A (11.4A, 250V)
  - Rechargeable Battery:
    - Nickel-Metal Hydride battery
  - DC 12 V 1500 mA
  - Recharge time: 8 hours
  - Continuous operation: 1 hour

- **Dimensions**
  - 290mm(W)x290mm(D)x70mm(H)
  - Weight:
    - Approx. 12 kg (including the rechargeable battery)
  - Operating Environment:
    - Temperature:
      - 10 - 40°C
    - Humidity:
      - 25 - 95% RH (Without dew condensation)
  - Transportation and Storage Environment:
    - Temperature:
      - -10 - 60°C
    - Humidity:
      - 25 - 95% RH (Without dew condensation)

- **Communication Port**
  - LAN port: IEEE 802.3u 100BASE-TX x 1
  - USB port: USB 2.0 x 1

- **Standard Accessories**
  - Power cable: KP300/5314A to 100V or VM3070B/VM3030B to 2150 VND NB for 200V
  - Limb electrode:
    - CR-3000 or CR-2020 (containing 4 pieces / box)
  - Chest electrode:
    - CE-15 or CE-66 blue (containing 6 pieces / box)
  - Patient cable:
    - PC-201 or PC-109
  - ECG electrode cream:
    - 70 g
  - Operation manual:
  - CD-ROM:
    - Operation manual in multiple languages and Physician’s clinical guide
  - ECG recording paper:
    - R112x272x272x272 (2-pl)
    - Paper storage:

- **Options**
  - Optional: optional accessories that come with Cardico 601.
  - Please purchase the items separately.
  - USB Hub
  - LAN Cable
  - USB Memory Medium
  - Carrying Case
  - Mobile Cart
  - Patient Cable Hanger
  - Epson inkjet Printer
  - ECG/P-R driver compatible
  - ECG recording paper (Pur): R12x272x272x272

[Optional Features]

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**Cardico 601**

**Features**

1. 5.7 inch color 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 USB memory is possible

4. Direct connection with Epson Inkjet printer

5. USB port for connecting with external keyboard

**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.

**Print Formats**

- 3ch
- 4ch
- 6ch
- Long Term