### Cardy 301/301L Recorder

- 2/3 channel digital recorder for 24 and 48 hours recording
- Monitoring heart rate and super durable recorder against patient's tough action
- Comfortable size to wear: business card size, thickness 15mm
- Real time window checking for signal quality and lead-off using Cardy Controller 02
- Patient information memory
- Body Movement Sensor for diagnosis of Angina pectoris with HR
- ST trend and arrhythmia analysis
- Pacemaker pulse detection 1 channel

### Cardy 302 MAX Waterproof Recorder

- One of the smallest and lightest models available in global market in comfort Smaller than business card size that is designed to wear inside the clothes
- 2/3 channel digital recorder for 48 hours with Pacemaker pulse detection 1 channel / 2 leads
- SD card memory for immediate data acquisition in 14 seconds
- 3D Body Movement Sensor for diagnosis of Angina pectoris with HR
- ST trend and arrhythmia analysis
- Real time checking for signal quality and lead-off using Cardy Controller 02
- Royal Patient information and Pacemaker pulse detection using Cardy Controller 02
- Pacemaker pulse detection 1 channel

### Cardy Controller 02

- Wireless data entry for Patient information in Cardy recorders: ID, name, sex, age and blood pressure, Register postural ECG templates in Cardy 302.
- Wireless ECG checking of Cardy Recorder for signal quality and lead-off
- Preview ECG data on LCD for Cardy 301/301L, and memory card
- Data transfer from Cardy 301/301L to CF card and SD card
- Alpha-numeric cell phone key pad
- 3.8” backlit graphic LCD

### Specifications

#### Cardy Holter Analysis System

<table>
<thead>
<tr>
<th>Cardy Holter ECG Recorder</th>
<th>Cardy 301/301L</th>
<th>Cardy 302 Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recording channel</td>
<td>20/15/10 Hz</td>
<td>20/15/10 Hz</td>
</tr>
<tr>
<td>Lead time measurement</td>
<td>0.0001 sec</td>
<td>0.0001 sec</td>
</tr>
<tr>
<td>Sampling rate</td>
<td>600 kHz</td>
<td>600 kHz</td>
</tr>
<tr>
<td>Real time window</td>
<td>10 sec (Auto)</td>
<td>10 sec (Auto)</td>
</tr>
<tr>
<td>Memory</td>
<td>CF card, SD card</td>
<td>CF card, SD card</td>
</tr>
<tr>
<td>Backup Battery</td>
<td>6 x 1.5V AAA</td>
<td>6 x 1.5V AAA</td>
</tr>
</tbody>
</table>

#### Cardy Holter Analyzer Program

<table>
<thead>
<tr>
<th>Operation System</th>
<th>Windows XP, VISTA (32 bit), No guaranty on the upgraded version of XP and VISTA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Processor</td>
<td>800 MHz or higher clock speed recommended</td>
</tr>
<tr>
<td>Memory</td>
<td>128 MB (256 MB recommended)</td>
</tr>
<tr>
<td>Power</td>
<td>2.0 W or higher clock speed recommended</td>
</tr>
<tr>
<td>Display</td>
<td>SXGA 1280 x 1024 dots or higher</td>
</tr>
<tr>
<td>Operation Manual</td>
<td>Operation manual, 10 x activity memo card, belt pouch</td>
</tr>
<tr>
<td>Data reader/writer</td>
<td>Printer terminal AM300P, BP Analysis Software AM300S</td>
</tr>
</tbody>
</table>

#### Cardy Controller 02

<table>
<thead>
<tr>
<th>Display</th>
<th>3.8” 262 x 262 dots</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimension</td>
<td>W72 x D27 x H100 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>225 g with batteries</td>
</tr>
<tr>
<td>Memory</td>
<td>1 GB or higher</td>
</tr>
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#### Cardy 302 Max Waterproof Recorder

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#### Ambulating Blood Pressure Monitor AM1000

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A simplified approach to Holter analysis workflow is possible by clicking the Job Icons and selecting the Tool Bar.

**HRV analysis**

A series of operations starting from "Pre-check to Printout of analysis results can be executed. HRV analysis will be performed in the following order: Pre-check, Set-up basic template, Set-up ST points, Load ECG data, Morphology editing, Conflicts and edit templates, Arrhythmia analysis, ST analysis, Print out analysis results.

**Load ECG & automatic operation**

The following 9 functions can be executed after selecting this icon: The functions are Load new ECG data, Pre-registration, Analysis condition, Automatic operation, Patient registration, Load BP data, Setup condition.

**Editing analysis result**

The editing of 7 functions can be executed after selecting this icon. The functions are Editing analysis result, Create image data, Patient information, Setup condition.

**HRV analysis**

HRV analysis can be executed by selecting this icon. Various analysis methods include Auto Regressive Spectrum (AR) and Fast Fourier Transform (FFT) of Frequency Domain and Complex Demodulation (CODM) of Time Domain can be used for HRV analysis.

**Data storage**

Raw data, analysis results and edited reports can be saved in a text file or archival medium by selecting the check box in the list after selecting this icon.

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**Cardy Holter ECG system**

**Cardy Analyzer**

Evolutionally advanced Holter ECG system

Organized ECG data and Analysis reports filing is the key solution for medical record system on network. Data search and PDF report filing for network output are fully equipped as the standard features.

AF detection, Pacemaker detection, Heart Rate Variability analysis and Interlocking ECG and BP data downloading raw data and analyzing other patient data.

Versatile standard functionality

AF detection, Parameter detection, Heart Rate Variability analysis and Interlocking ECG and BP data output are fully equipped on the standard features.

Data search and PDF report filing for network

Organized ECG data and Analysis reports filing is the key solution for medical record system on network.

---

**Analysis and edit functions**

- Template matching and recategorization for superimposed ECG
- Search and edit by Auto-superimposed ECG
- Zone-edit and Auto-searching for full disclosure
- Arrhythmia editing in histogram: Strip ⮝ Full Disclosure
- ST link-Editing in Trend ⮝ Strips ⮝ Full disclosure and ST point adjustment
- ECG Strip editing based on an episode list and selecting for print
- Atrial fibrillation detection
- Advanced Heart Rate Variability analysis
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**Explanation of Job Icons**

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