

# CARDICODE 300H



12-lead Cable

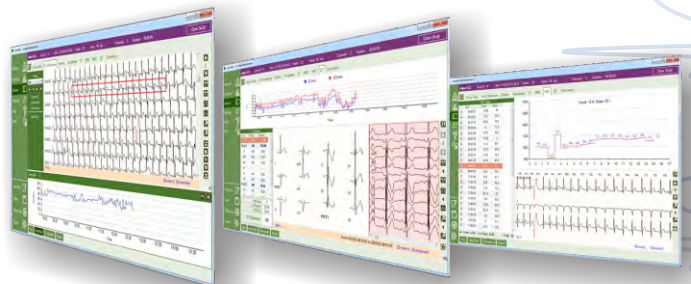


3-lead Cable

- 12 or 3-ch selectivity
- Integrated into Cardiooffice system for managing patients and studies database
- Export to proprietary and standard formats (DICOM, HL7 aECG (XML), ISHNE)
- Report to standard Printer and PDF, PNG and JPG files with the possibility of sending e-mail
- Built - In accelerometer sensor to record patient body position (option)
- On screen option for mark pauses on ECG recording
- Graphic tools for display high quality ECG waves
- Configurable sampling rate (250/500/1000)
- HRT analysis
- USB interface for setup new record and download data
- Pacer function analyzer
- HRV in time and frequency domains
- QT and Spatial QT Dispersion analysis
- Up to 72 hours of full disclosure recording
- Real time ECG wave display during recorder configuration
- ST segment analyzer with ST episodes detection in all leads



Compact and Light Weight



# CARDICODE300H Technical Specifications

## Analyzer Software Features

Channels	12-ch, 3-ch
HRV time and frequency domain	Yes
QT analysis	Yes
ST segment analysis in all leads	Yes
HRT analysis	Yes
Pacer function analyzer	Yes

## Recorder

Capacity	Built-in 4GB Micro SD Card (using FAT32)
A/D Sampling rate	250, 500, 1000 samples/sec
A/D Resolution	24 bits
Timing accuracy	During 24 h, less than 30 seconds
Resolution	0.014305 $\mu$ V
Data transfer	USB interface / Micro SD card
Pacemaker spike detection	Yes
Graphic color LCD	160 x 128 dots
Built-in real-time clock	Keeps date and time (built-in battery)
Built-in accelerometer sensor	Yes (optional)
Frequency response	5 Hz as benchmark, 0.67 Hz to 40 Hz (-3dB)
Time constant	Greater than 3.2 sec
Input dynamic range	6 mV peak to-valley (p-v)
Input impedance	Greater than 10 M $\Omega$
CMRR	Greater than 60dB (60Hz) and 45 dB (120Hz)
Minimum feature size	10 Hz, 50 $\mu$ V p-v sinusoidal signal
System noise	Less than 50 $\mu$ V
Enduring polarization voltage	$\pm$ 300mV
Electrical safety	Type BF (Operated by internal battery)
Power consumption	Less than 0.036A
Power supply	Alkaline batteries : DC 3.0V (2*AA type)
Size (mm)	90.5 (L) x 65 (W) x 24 (H)
Weight	80g (without battery)

## Operation Environment

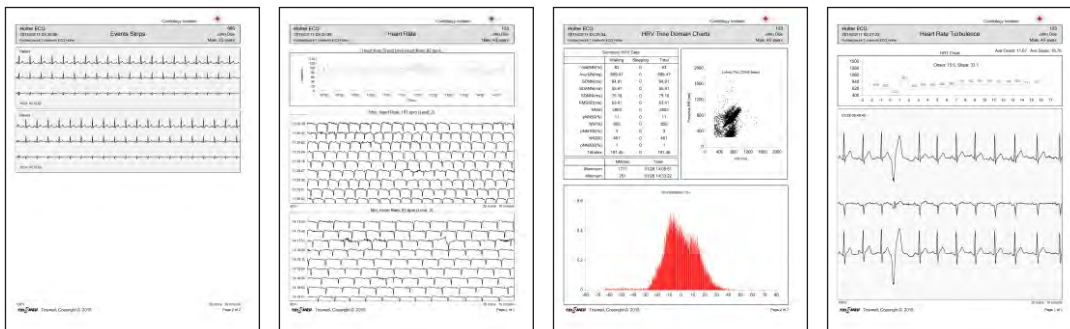
Environment temperature	10°C ~ 45°C
Relative humidity	10 to 95%
Atmospheric pressure	70kPa ~ 106kPa

## Transport and Storage Environment

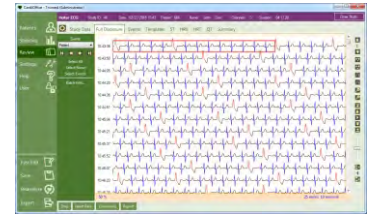
Environment temperature	-20°C ~ +60°C
Relative humidity	10 to 95%
Atmospheric pressure	50kPa ~ 106kPa

\* Contents and specification subjects change without notice

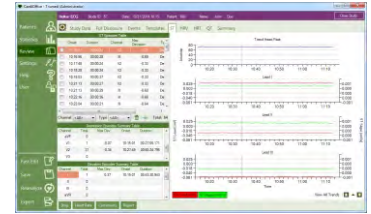
## Report Samples



## Full Disclosure View



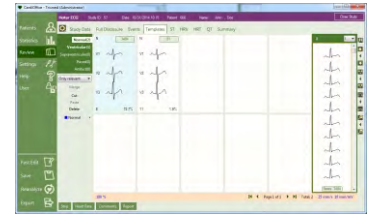
## ST Trends and Episodes



## Events Strips



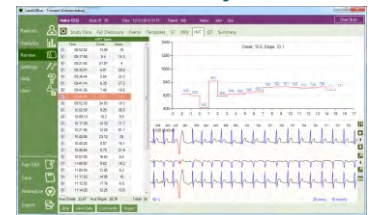
## Beat Templates



## HRV Analysis



## HRT Analysis



## Strip Measurements



## Recorder Setup

