

SE-2003 & SE-2012

Holter System



Real-time Waveform Display & Event Marker



IP27 Level of Waterproof & Dustproof



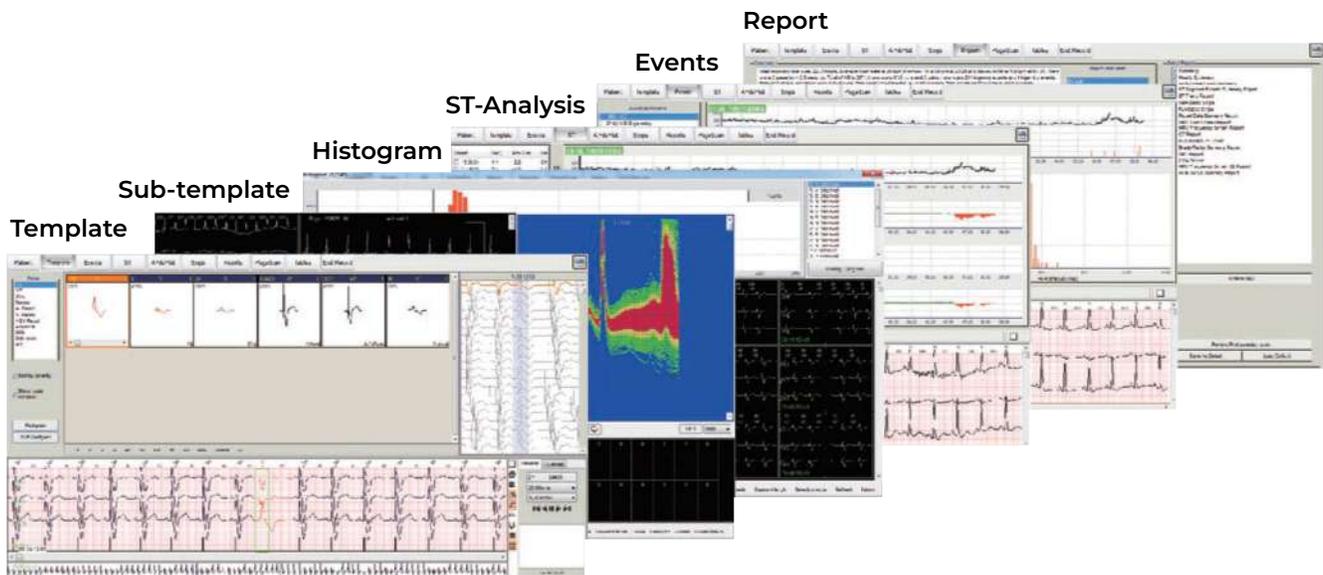
Lightweight & Compact Design

The Edan SE-2003 & SE-2012 Holter sets a new standard with lightweight and compact digital recorders, offering meticulously optimized workflows and customizable parameters tailored to fulfill your clinical requirements. This sophisticated device excels in capturing the intricate electrical activity of the heart, and analyzing with robust analysis software for comprehensive data interpretation.

Primarily designed for the detection of arrhythmias and abnormal heart rhythms the SE-2003/2012 goes beyond by providing automated diagnostic tools, helping users quickly locate and filter abnormal readings with dynamic searches based on personal categorizations.

Features:

- 3 or 12-channel digital recording
- Fast data transmission
- Auto 3/12-channel identification (only SE-2012)
- 8 Day recording with one AAA battery
- Pacemaker detection
- Adjustable sampling rates



The Holter analysis process conventionally begins with the QRS Templates Analysis and concludes with comprehensive reporting. Combining the commonly used functions together, it can be redefined based on user preference, creating a personalized and comfortable workflow for every cardiologist

Holter Software

Data Processing

- Loading time is less than 20 seconds
- Full disclosure of waveforms
- Download data via micro SD card or USB cable
- 24/48/96 hours or 8 days of ECG data recording

Smooth Workflow

- Customizable workflow and reports
- Bulk modification and fast editing
- Comprehensive histogram
- ST-segment analysis and myocardial ischemia evaluation

Advanced Analysis

- Atrial Fibrillation/Flutter (A FIB/FLUT) analysis
- Heart Rate Variability (HRV) analysis
- Heart Rate Turbulence (HRT) analysis
- Obstructive Sleep Apnea (OSA) analysis

EMR Compatibility

- GDT/XML protocol support



Included Accessories

- 3-Channel Holter Recorder (*SE-2003*)
- 12-Channel Holter Recorder (*SE-2012*)
- 1GB SD Card — *01.18.052345*
- 7-Electrode ECG Cable (AHA) (*SE-2003*) — *01.57.471453013*
- 10-Electrode ECG Cable (AHA) (*SE-2012*) — *01.57.471451013*
- USB Cable for Holter Recorder Connection with PC — *01.57.471456012*
- Adult Disposable Adhesive Electrode — *T716-50*
- Holder — *01.56.465779-10*
- Belt — *01.56.465781-10*
- Carrying Bag — *01.56.465784-10*
- Holter Analysis Software — *One software license per PC (Can be used with multiple recorders)*

Specifications

PHYSICAL SPECIFICATION

Dimensions:
76mm × 49mm × 16 mm
Weight:
50g (Excluding battery)

DISPLAY

1.92" full color screen

BATTERY

1 AAA Alkaline Battery:
LiFe or Ni-MH battery
Battery Life:

SE-2003:

48h (Sampling frequency: 1,024 Hz)
192h (Sampling frequency: 128 Hz)

SE-2012:

24h (Sampling frequency: 1,024 Hz)
144 h (Sampling frequency: 128 Hz)

CHANNELS

SE-2003: 3 Channels
SE-2012: 3 or 12 Channels

PERFORMANCE SPECS

Frequency: 0.05 Hz to 100 Hz (-3 dB)
CMRR: ≥ 100 dB
A/D: 24 Bits
Gain:

5 mm/mV, 10 mm/mV,
20 mm/mV, ±5%

Data Storage:

Micro SD Card
(Industrial Grade, 1GB)

Recording:

Full disclosure,
No data compression

Input Impedance: ≥ 50 MΩ

A/D Sampling Frequency: 25.6 kHz

Pacemaker Detection:

±1 mV ~ ±200 mV,
0.1 ms ~ 2.0 ms

Data Transmission:

Through USB cable
or SD card reader

Dust & Water Proof Level: IP27

FUNCTIONS

Display:

One-channel of waveform;
Recording time; System
time; Patient ID; Patient
name; Event marker.

Functions:

Pacemaker Detection;
Lead-off Detection;
Low-power Detection;
Event Marker Function;
Auto Identification of
Cable.