R.Test Evolution 4

**Type of recorder**
- Automatic Recorded ECG-Arrhythmia Detection
- Heart rate trend
- Manual Recording of symptomatic episodes

**Type of events**
- (automatic mode)
  - Supraventricular and Ventricular QRIs
  - Paroxysmal Atrial Fibrillation
  - Bradycardia, Tachycardia, VVI, AVI, Atrial Fibrillation

**Events Duration**
- Automatic mode
  - Programmable from 10s to 60min, with
    - Pre-event minimum 5s, maximum 5min
    - Post-event minimum 5s, maximum 59min 59s
    - Loop memory
- Manual mode only
  - Pre-event  ± post-event 5sec to 60min

**Total duration of recording**
- ECG events 60min
- Heart rate and Histograms trend 32 days

**Maximum Duration of procedure**
- Automatic mode 32 days
- Manual mode only 2 months

**Number of channels**
- 1

**Data Storage**
- Non-volatile Stable Memory
- Memory Lifetime 10 billion cycles
- Sampling and analysis 200 Hz
- Vertical resolution ± 0.25 mV
- Precision of ECG in voltage ± 6 μV
- Storage 100 Hz
- PC connection USB2.0 Full Speed

**Electrical Supply**
- 2 x zinc-air 1.4 V – 640 mAh batteries

**Overall Measurements**
- Length 60 mm
- Width 48 mm
- Height 28 mm

**Weight**
- 40 g

**Index IP** (with ECG cable in place)
- IPX4

**Storage**
- Operating temperature: 0°C to +45°C
- Operating humidity: 10% to 95% relative
- Storage: Operating pressure: 500hPA → 1060hPA
- Storage: Operating pressure: 760hPA → 1013hPA

---

32 DAYS of Intelligent ECG Signal Processing Condensed in 40 GRAMS

2 ELECTRODES ONLY for Unmatched Comfort

CMS LEAD for Optimal Signal Quality and ischemia Diagnosis

NOVACOR is a registered ISO 9001 and ISO 13485 company.

Distributed by

NOVACOR
A, passage Saint Antoine - 92210 Rueil Malmaison - France
Tél. +33 (0)1 41 26 07 04 - Fax +33 (0)1 41 26 07 08
www.novacor.com

---

The Ultimate Reference in Real Time Detection of Cardiac Events

The Unique Heritage of the
combined with a NEW DIAGNOSIS POWER*
make it the UNDISPUTED REFERENCE
in Real Time Ambulatory ECG Diagnosis

* (1) Roche F et al. Accuracy of an automatic and patient-triggered long term solid memory ambulatory cardiac event recorder. The Am J Cardiol, 1997;80:609-616
(2) Balmelli N et al. Efficacy of an automatic and patient-triggered long term solid memory ambulatory cardiac event recorder in the evaluation of 101 patients with palpitations or syncope. Clin Cardiol. 2003;26:173-76
THE ULTIMATE REFERENCE
in Real Time Detection of Cardiac Events

ADVANCED TECHNOLOGY
- Fully embedded Wavelet analysis for superior ECG signal processing
- Optimization of Recording Duration according to Clinical Search Settings
- Up to 32 Days of Continuous Monitoring and Recording
- High Speed Data Transfer
- Compact, Lightweight, Water Resistant Device

OUTSTANDING CLINICAL PERFORMANCE
- New High Performance ECG Analysis (Normal, Ventricular, Supraventricular and Paced Beats Labeling)
- Expanded Detection of Asymptomatic Events
  - Pauses, VTn SVPT, Tachy, Brady, Triplet, Couplet
  - Ischemia detection
- Atrial Fibrillation optimized detection
- 100% QRS Detection and Classification
- Continuous Assessment of the most significant Strips during the Total Recording thanks to a Sophisticated Algorithm based on years of Development and Testing

THE ACCOMPLISHMENT of over 30 years of NOVACOR
Unique Experience in Ambulatory ECG Analysis

New Capabilities include
AUTOMATIC Real Time ECG recording of All types of Asymptomatic Complex Arrhythmias or Ischemic Episodes as well as Patient triggered Symptomatic events (Palpitation, Dizziness, Chest pain...)

Innovative Features make it the most
COST EFFECTIVE Clinical Tool in Ambulatory ECG Diagnosis
- EXTENDED CONTINUOUS MONITORING DURATION for an Unmatched Diagnosis Yield
- OPTIMIZED MONITORING DURATION at Physician Request for Specific Event Search
- EXPANDED MEMORY for Additional ECG Evidence
- INTUITIVE INTERFACE for User Friendliness
- INSTANT DISPLAY of Full Report for more Efficiency

EXTENDED CONTINUOUS MONITORING DURATION
- OPTIMIZED MONITORING DURATION
- EXPANDED MEMORY
- INTUITIVE INTERFACE
- INSTANT DISPLAY

HIGH SPEED Programming and Communication Protocols
TIME SAVING DISPLAY of Clinical Highlights
COMPLETE RR TREND & HISTOGRAMS (for each event category) of the Entire Recording
POWERFUL Data Management

ADVANCED TECHNOLOGY
- Fully embedded Wavelet analysis for superior ECG signal processing
- Optimization of Recording Duration according to Clinical Search Settings
- Up to 32 Days of Continuous Monitoring and Recording
- High Speed Data Transfer
- Compact, Lightweight, Water Resistant Device

OUTSTANDING CLINICAL PERFORMANCE
- New High Performance ECG Analysis (Normal, Ventricular, Supraventricular and Paced Beats Labeling)
- Expanded Detection of Asymptomatic Events
  - Pauses, VTn SVPT, Tachy, Brady, Triplet, Couplet
  - Ischemia detection
- Atrial Fibrillation optimized detection
- 100% QRS Detection and Classification
- Continuous Assessment of the most significant Strips during the Total Recording thanks to a Sophisticated Algorithm based on years of Development and Testing