

HOLTER ECG RECORDER · HOL SERIES · AMBULATORY MONITORING

PCB-HOL-01

ABOUT THE PCB-HOL-01

24-hour ambulatory ECG, in less than 70 grams.

The **PCB-HOL-01 Holter ECG Recorder** is a portable ambulatory ECG designed for long-duration cardiac monitoring outside the hospital. Weighing **less than 70 g** and measuring only 95 × 55 × 17 mm, it slips under the patient's clothing and delivers a full 24-hour ECG without discomfort.

Dual lead compatibility — **3-lead and 12-lead** with automatic recognition — covers screening, arrhythmia workup and post-event follow-up. A **32,000 Hz sampling rate** preserves every micro-detail of the trace, and **16 GB of internal storage** handles multi-day recordings.

Data transfer is dramatic: a full **24-hour recording downloads in about 10 seconds**. Analysis software supports template and intelligent arrhythmia detection, SVE/PVC analysis, atrial flutter detection with waterfall charting, ST segment, QT interval and heart rate variability.

Small, smart, strong — the PCB-HOL-01 delivers hospital-grade Holter monitoring in a wearable form-factor.



< 70 g · wearable

One of the smallest Holter recorders on the market. Slips under clothing without discomfort — patients tolerate 24-hour monitoring without complaint.



10-second download

High-speed data interface transfers a full 24-hour recording to the analysis workstation in about 10 seconds — no waiting between studies.



Intelligent analysis

Template + intelligent arrhythmia detection: SVE/PVC, atrial flutter with waterfall, ST segment, QT interval, HRV — the complete Holter workflow.

COMPLETE HOLTER WORKFLOW

From patient to diagnostic report.



— KEY CAPABILITIES

DUAL LEAD COMPATIBILITY

- 3-lead configuration
- 12-lead configuration
- Automatic recognition
- Screening + arrhythmia workup

HIGH-FIDELITY RECORDING

- 32,000 Hz sampling rate
- 16 GB internal storage
- Multi-day recording capable
- Full trace fidelity preserved

FAST DATA TRANSFER

- 24-hour download in ~10 seconds
- USB high-speed interface
- No delay between studies
- Direct to analysis workstation

INTELLIGENT ANALYSIS

- Template + AI arrhythmia detection
- SVE/PVC analysis
- Atrial flutter waterfall charting
- ST · QT · HRV · Pacemaker

TECHNICAL DATA

Complete specifications.

RECORDING HARDWARE

- Type: Holter ECG recorder
- Leads: 3-lead + 12-lead auto
- Sampling rate: 32,000 Hz
- Storage: 16 GB internal
- Dimensions: 95 × 55 × 17 mm
- Weight: < 70 g
- Battery: Rechargeable internal
- Interface: USB high-speed
- Wearable: Under-clothing form-factor

ANALYSIS SOFTWARE

- Arrhythmia: Template + intelligent detection
- SVE / PVC: Full analysis
- Atrial flutter: Detection + waterfall charting
- ST segment: Automatic measurement
- QT interval: Automatic measurement
- HRV: Heart rate variability
- Pacemaker: Function analysis
- OS support: Windows XP · Win7/8 · Server 2003

DATA & REPORTS

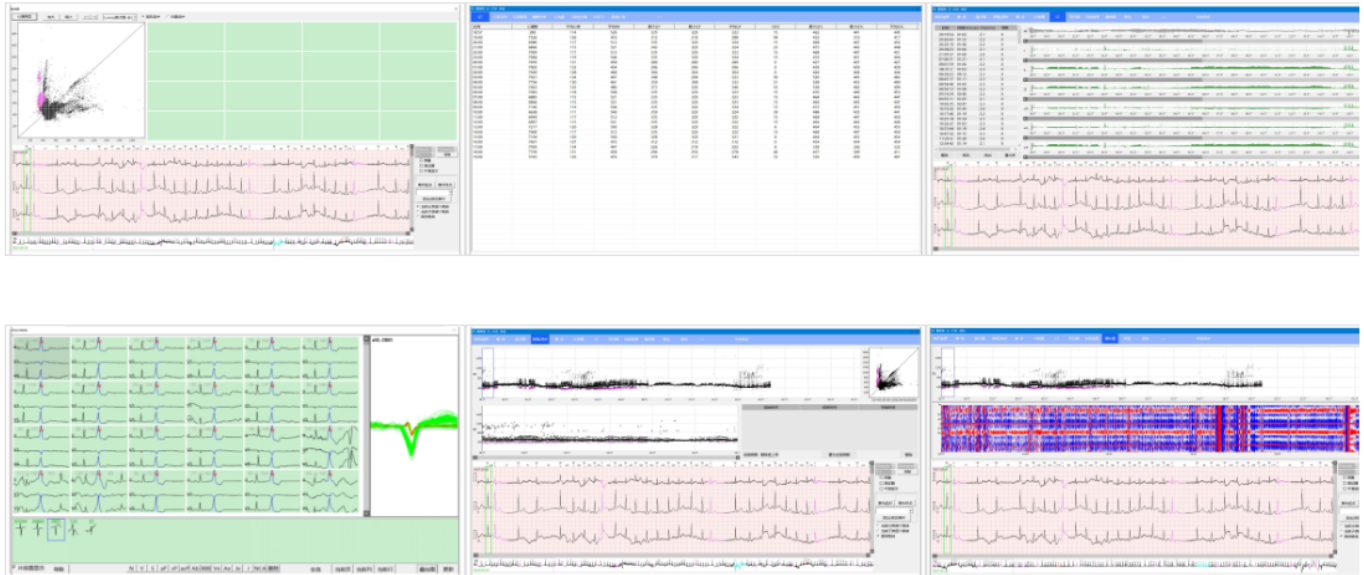
- Download time: ~ 10 seconds per 24-h
- Report generation: PDF · printable
- Editing: Manual event review
- Templates: Cardiologist-editable
- Trending: Long-term HRV + rhythm
- Comparison: Multi-session review
- Archive: Local + workstation
- Certifications: CE · ISO 13485



Small · Smart · Strong

The iE95 platform balances patient comfort with clinical fidelity. Rugged construction handles daily wear while high-fidelity sampling preserves the fine details cardiologists need for accurate arrhythmia interpretation.

- Under 70 g total weight
- Rugged for 24-h ambulatory use
- Compatible with standard leads



QUALITY & COMPLIANCE

Manufactured under international quality standards.

We develop and commercialize medical equipment under our own standards, supported by partnerships within a global production network and a strategic sourcing approach, which allows us to offer our distributors reliable, competitive solutions ready for international markets.

From product definition and technical specifications to branding, packaging, and documentation, we control every critical aspect of the process.

We have a service department in Asia and the United States that provides multilingual and immediate technical support, ensuring operational continuity for our distributors and their end customers.

USED ACROSS AMBULATORY CARDIAC MONITORING

Cardiology

Arrhythmia Workup

Post-Event Follow-up

Screening

Sports Medicine

Outpatient

Pacemaker Follow-up

Sleep Study