

3-CHANNEL TOUCHSCREEN ECG · EKG SERIES · CARDIOLOGY

PCB-EKG-30

ABOUT THE PCB-EKG-30

Extreme simplicity for the bedside.

The **PCB-EKG-30 Touchscreen ECG** is designed around a single principle: **extreme simplicity**. Based on clinical insight, the E30 optimizes every step of the workflow so the caregiver focuses on the patient — not the machine.

A **5-inch high-resolution touchscreen** guides the operator through **Auto**, **Manual** and **Rhythm** modes. **280 professional case templates** speed up standard exams. **Color-coded signal quality indicators** flag electrode issues BEFORE you print — no wasted paper, no missed diagnoses.

A **built-in Li-ion battery delivers ≥5 hours of continuous operation**. The thermal printer with roll-paper design saves internal space and consumable cost. Reports export as PDF, PNG, JPG, XML or ZQECG. **Storage: up to 5,000 ECGs** with USB export.

Optional accessories — adjustable trolley, waterproof suitcase and portable carrying case — adapt the E30 to any clinical setting.



Touch-first workflow

5-inch high-resolution touchscreen. Auto, Manual and Rhythm modes reachable with one tap. Color-coded signal quality shows issues before you print.



280 case templates

Pre-loaded professional templates for the most common exams — routine ECG, rhythm strips, pediatric, post-op — speeding up every study.

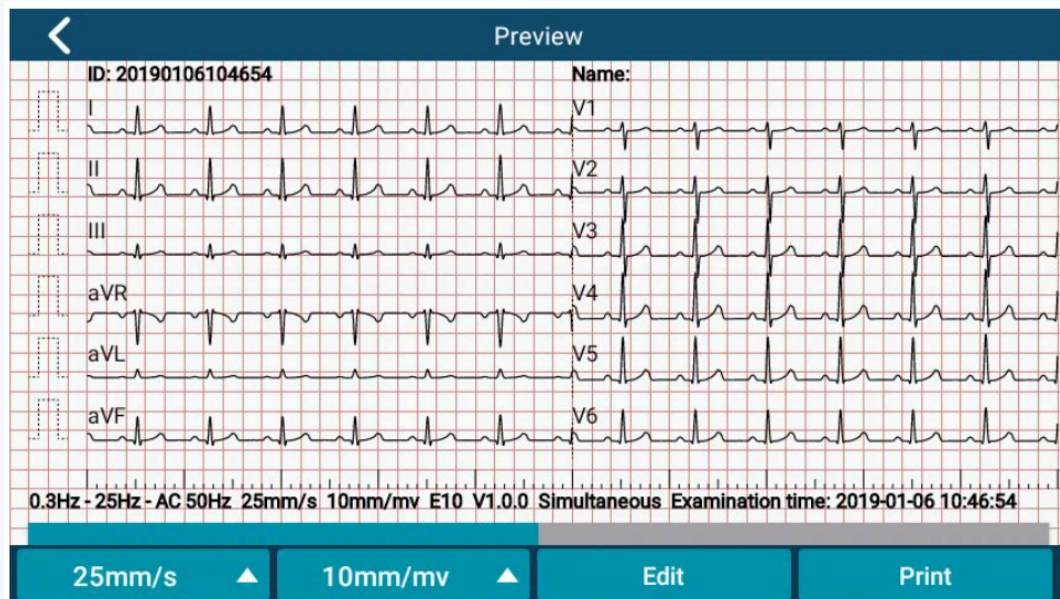


≥5 hours on battery

Built-in Li-ion battery for continuous bedside use, ward rounds and home visits. AC/DC power. Thermal printer with roll paper minimizes consumable cost.

5" TOUCHSCREEN · GUIDED WORKFLOW

Extreme simplicity — from bedside to report.



— KEY CAPABILITIES

280 CASE ASSISTANT TEMPLATES

- Arrhythmia · Heart Block
- Posterior · Side · Bottom Wall
- ST Segment · Early Repolarization
- Acute Pericarditis · Natal Myocardial

12-LEAD SIMULTANEOUS · REAL-TIME

- I · II · III · aVR · aVL · aVF
- V1 – V6 precordial leads
- Live grid 25 mm/s · 10 mm/mV
- Auto mode with heart rate display

COLOR-CODED SIGNAL QUALITY

- Green = clean, ready to record
- Red = electrode detached
- Yellow = baseline interference
- Issues flagged before you print

PREVIEW + EDIT BEFORE PRINT

- Full 12-lead preview on touchscreen
- Adjust 25 mm/s · 10 mm/mV
- Edit interpretation inline
- Filter 0.3–25 Hz + AC 50 Hz

TECHNICAL DATA

Complete specifications.

SIGNAL ACQUISITION

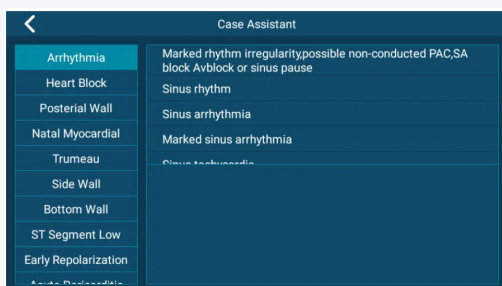
- **Type:** 3-channel touchscreen ECG
- **Channels:** 3
- **Display:** 5" high-resolution touchscreen
- **Work modes:** Auto · Manual · Rhythm
- **Templates:** 280 professional case templates
- **Signal quality:** Color-coded per-lead indicators
- **Speed:** 25 mm/s adjustable
- **Sensitivity:** 10 mm/mV adjustable
- **Weight:** ~ 1 kg

DATA & MEMORY

- **Memory:** Up to 5,000 ECGs
- **Export:** USB flash · Workstation software
- **Report formats:** PDF · PNG · JPG · XML · ZQECG
- **Workstation:** Real-time sampling + analysis
- **Report preview:** Yes · signal quality assessment
- **Auto-diagnosis:** Sinus rhythm · arrhythmia hints
- **Measurements:** HR · PR · QRS · QT · QTc · Axis
- **Records:** Paperless case management

POWER & OPTIONS

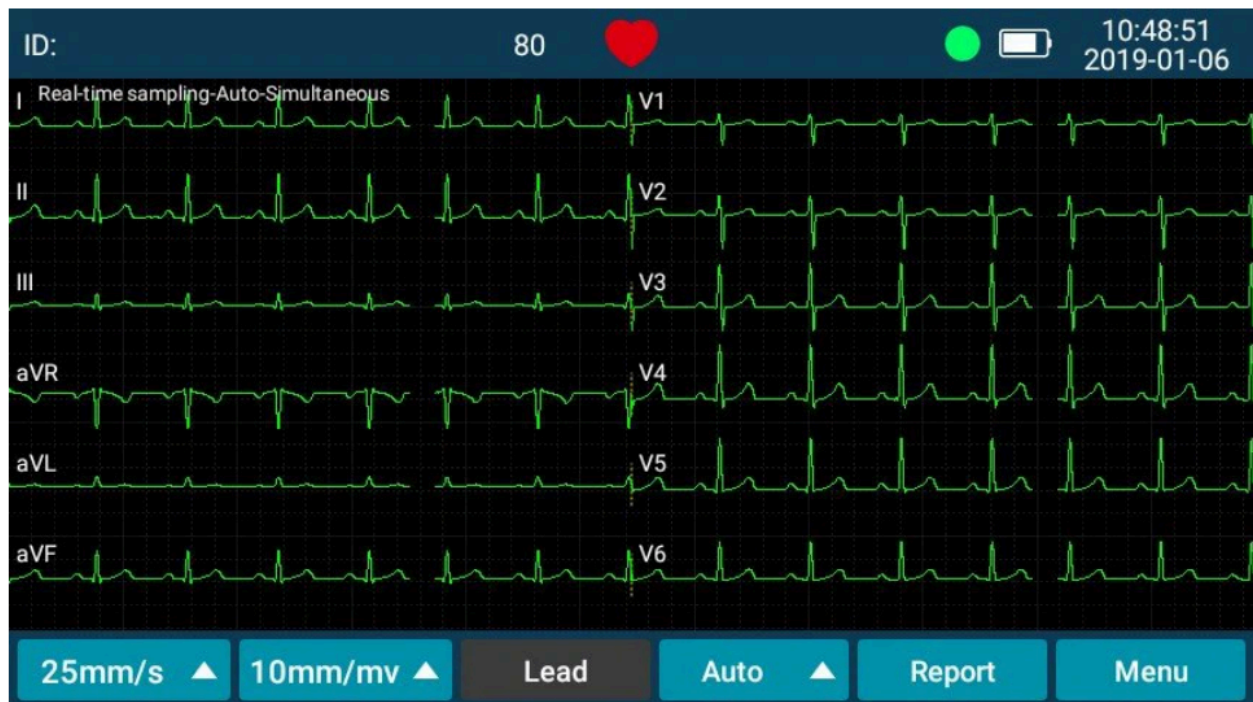
- **Battery:** Li-ion · ≥ 5 hours continuous
- **Power supply:** AC / DC
- **Printer:** Built-in thermal · roll paper
- **Optional:** Adjustable trolley
- **Optional:** Waterproof suitcase
- **Optional:** Portable carrying case
- **Power range:** AC 100 – 240 V · 50/60 Hz
- **Certifications:** CE · ISO 13485



Case Assistant — 280 templates

Pre-loaded interpretations organized by clinical category: Arrhythmia, Heart Block, Posterior Wall, ST Segment, Early Repolarization and more. Categorized on the left, ready-to-use text on the right — one tap to insert into the report.

- Standard 12-lead format
- Auto-interpretation on paper
- Compact roll-paper design



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.

DESIGNED FOR THE CAREGIVER AT BEDSIDE

Bedside

Ward

ICU

Emergency

Post-op

Home Visit

Primary Care

Pediatrics