

## M5 AND M12 MULTIPARAMETER HOLTER - 5 OR 12 LEADS

- 54299 M5 HOLTER MONITORING SYSTEM - 5 LEADS
  - 54300 M12 HOLTER MONITORING SYSTEM - 12 LEADS
- The wireless multi-parameter holter is a lightweight and compact digital ambulatory ECG recorder. It is intended to display, record, store and transfer ECG data. Data must be checked by qualified medical personnel for analysis and diagnosis. Ideal for routine checkups or self-monitoring of patients in the clinical setting or at home, under healthcare professional supervision.
- compact design Ø 48 mm x 15.2 mm, less than 50g
  - high-definition and real-time waveform display
  - excellent input impedance, reducing waveform distortion
  - data transmission to PC via USB, for efficient analysis
  - built-in battery for continuous monitoring (up to 72 hours)
  - 24 bit A/D conversion accuracy

### Advanced analysis capabilities

Professional ambulatory ECG analysis software, supporting rich statistical analysis. It supports template editing, atrial flutter and fibrillation analysis, HRV analysis, heart rate oscillation analysis, P-wave superposition analysis, ST-segment analysis and other advanced analysis functions.

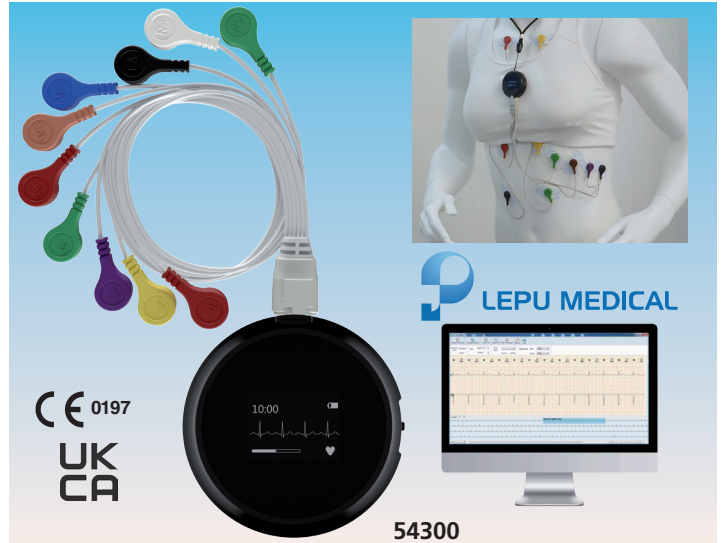
### Easy and fast report output with high accuracy

High analysis accuracy allows to automatically exclude episodes that are too noisy.

### Multidimensional application scenarios

- disease diagnosis and prevention
- patient rehabilitation after cardiac surgery
- physical examination
- drug therapy assistance
- screening risk of cerebral stroke

Supplied with ECG lead wire (5 or 10 button type electrodes), 20 disposable adult electrodes, mini HDMI cable, magnetic charging cable, adjustable lanyard, AI-ECG tracker software (54315),



dongle, quick operation guide, manual and box in GB, FR\*, IT, ES\*, PT\*, DE\*, UA\*, RU\* \*Manuals can be downloaded on [www.gimaitaly.com](http://www.gimaitaly.com).

- 54302 ECG LEAD WIRE - 5 ELECTRODES - spare
- 54303 ECG LEAD WIRE - 10 ELECTRODES (12 LEADS) - spare for 54300
- 54305 DISPOSABLE ECG ELECTRODES - adult - box of 10 - spare

TECHNICAL SPECIFICATIONS			
Power supply:	rechargeable lithium polymer battery, 3.8Vdc, 400mAh	Input resistance:	≥50MΩ, 10 Hz
Charging time:	2 hours	Input signal range:	10mV (p-v)
Battery life:	72 hours, when fully charged	CMRR:	≥120 dB
Voltage:	4.5~5.5 V DC	Bandwidth:	0.05~40 Hz
ECG		Heart Rate	
Leads:	3/5 leads (54299) 3/5/12 leads (54300)	Measuring range:	30~250 bpm, ± 2%
		Resolution:	1 bpm

## DYNAMIC ECG RECORDER 24h, 72h, 168h HOMECARE/PROFESSIONAL

- 54310 DYNAMIC ECG RECORDER 24H
- 54312 DYNAMIC ECG RECORDER 72H
- 54313 DYNAMIC ECG RECORDER 168H



Wearable ECG recorder that is intended to measure, review and store adults' ECG data at home or in healthcare environment. It displays ECG waveform, heart rate, battery power and charging status.

- 0.49" display
  - 18 g, ergonomic design with flexible material
  - abnormal cardiac rhythm monitoring
  - up to 7 days real time ECG monitoring (54313 only)
  - data can be transmitted to smartphone via Bluetooth
  - free ViHealth App and AI ECG analysis software for real time ECG monitoring (homecare use)
  - optional AI ECG tracker software for professional use (54315)
- Supplied with charging cable, 10 disposable ECG electrodes (3.5 mm), AI ECG analysis software and multilingual manual in GB, FR, IT, ES, DE.

### AI ECG Analysis Software for homecare use

Data management software, which provides the ability to view, store, print and obtain automatic detailed reports of ECG data. It does not have diagnosis function, analysis, editing etc. It is suitable for consumers' personal use at home. PDF reports can be shared with doctors for diagnosis and evaluation.

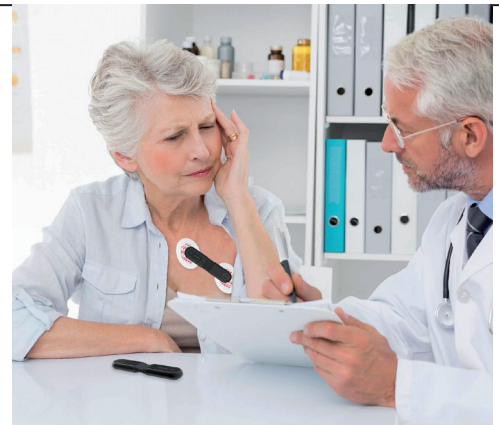
- 54315 AI ECG TRACKER SOFTWARE for professional use - optional
- AI-ECG tracker is an advanced professional dynamic ECG diagnostic analysis system. It is certified as a software for medical devices and has complete dynamic ECG analysis function, suitable for the evaluation of adult ECG data and detection of arrhythmia-like heart abnormalities.

A cardiologist can edit, modify and confirm the diagnosis. Diagnosis accuracy rate of 95.2%. It supports template editing, atrial flutter and fibrillation analysis, HRV analysis, heart rate oscillation analysis, P-wave superposition analysis, ST-segment analysis and other advanced analysis functions.

- 54314 DISPOSABLE ECG ELECTRODES - spare for 54310, 54312, 54313 - box of 10



54310  
54312  
54313



TECHNICAL SPECIFICATIONS (54310, 54312, 54313)	
Measuring method:	electrode pads
Lead:	single-lead
Input impedance:	≥10MΩ, 10Hz
CMRR:	≥ 60 dB
Frequency response:	0.67 ~ 40 Hz
Sampling rate:	250 Hz
Sampling accuracy:	16 bit
Memory:	up to 10 measurements
Power supply:	rechargeable lithium battery 3.8V d.c., 240mAh
Battery working time:	168 h
Charging time:	2 hours
Size - Weight:	100x23x10 mm - <20 g (with battery)
Protection:	Type BF, IP22