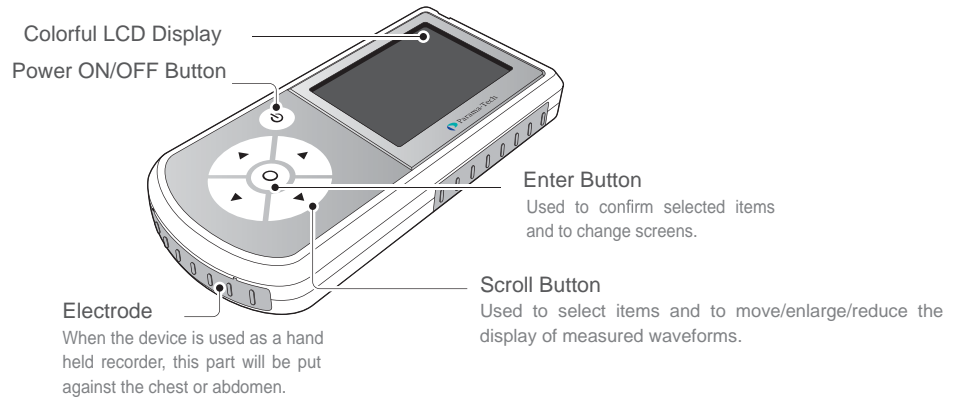
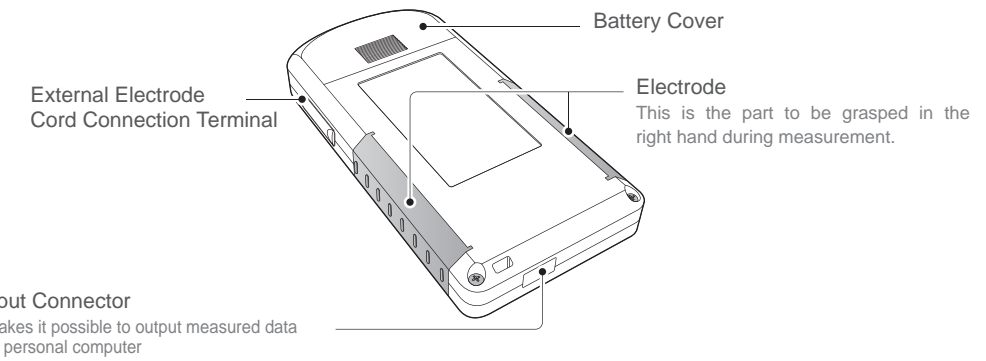


Name of Parts & Functions

Front Panel



Back Panel



Accessories/Optional Items

- Personal ECG Recorder EP-301C
- EP-301C Main Part
- Soft case
- Instructions Manual
- Package Leaflet
- External Electrode Cord
- USB Cable
- Warranty Certificate
- AAA -- a type alkaline dry cell (2)

Specifications

Power Supply	AAA Batteries x2
Standard Sensitivity	10 mm/mV ±10%
Sampling Time	4 msec
Lead Method	Double Electrode Leads
Display	Color Graphic Liquid Crystal Display LCD
Memory	10 minutes of waveforms in total (Measuring mode: 30 sec / 1 min / 3 min / 5 min)
Waveform Output Method	USB output
Protection against Electric Shock	Internal Electric Power: DC ⚡ "Type B Applied Part"
Operating Temperature / Humidity	0~+40°C / 30~85%RH
Transporting Temperature / Humidity	-10~+45°C / 10~95% RH
Dimensions	(W) 124mm x (H) 19.5mm x (D) 60mm
Weight	120 g

Note: Specifications and design of the product and accessories are subject to change without prior notice.

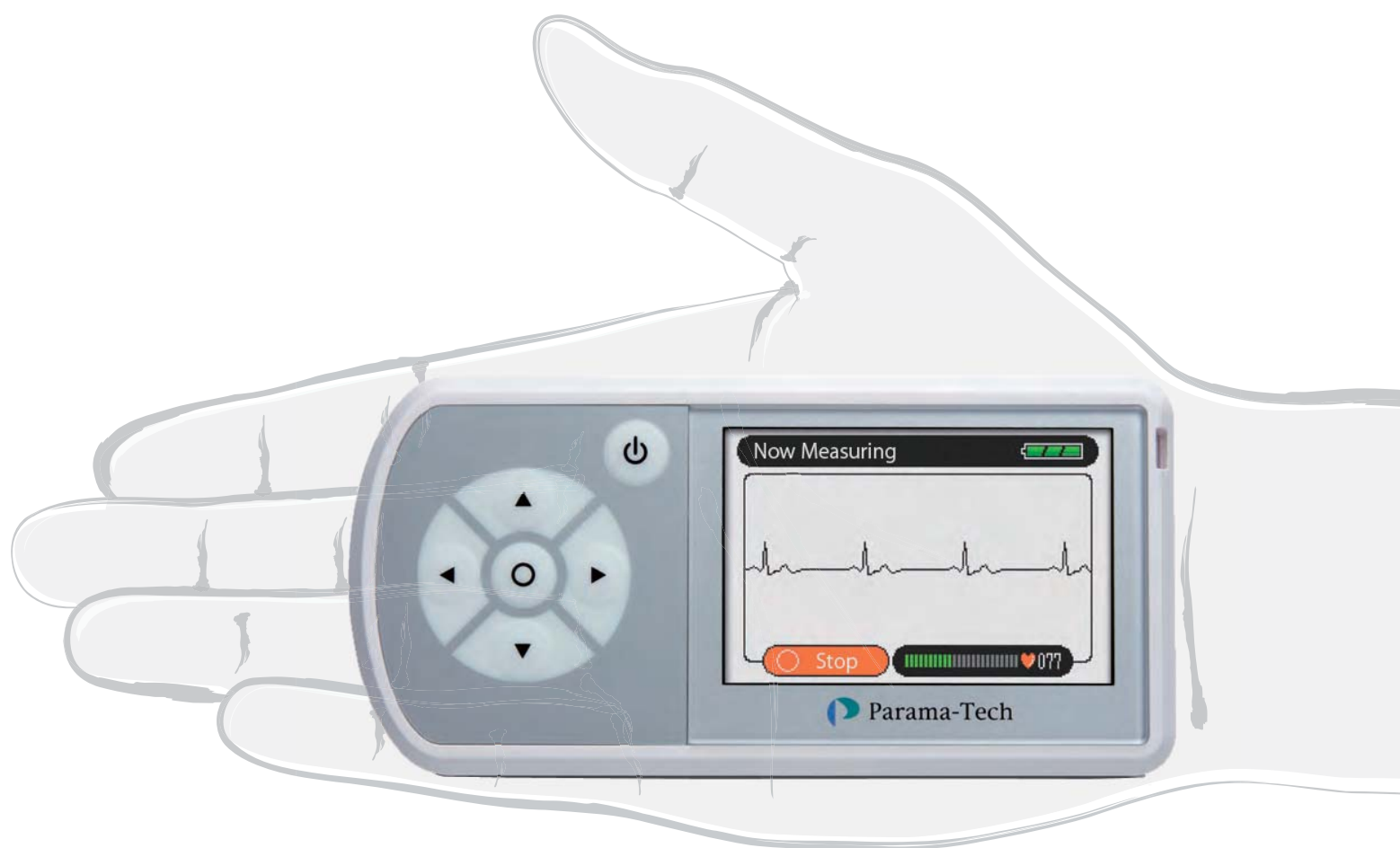
Warning

- Caution for Use**  
EP-301C is a medical device that supports diagnoses made by doctors. Please avoid self-judgment and make sure to consult with your primary physician about your measured data.
- Caution for Safety**  
Please make sure to read the User's Manual carefully before use and follow the instructions.



# PERSONAL ECG RECORDER

## EP-301C



Parama-Tech Co., Ltd.   
 Head office :  
 1-7-5 Tanotsu, Higashi-ku, Fukuoka-shi, Fukuoka, Japan  
 Phone: +81-92-623-0813 Fax: +81-92-623-0814

GEM - MED S.L.  
 C/ Cartagena 245, 5. Of. 5-6, ESD025 Barcelona, SPAIN

**“Peace of Mind”**  
 with a palm-size ECG(Electrocardiogram) recorder.  
 Easy measurement at any time, anywhere.

# Anytime and Anywhere.

Prevention of heart problems is the 21st century concern. With EP-301C, you can check your heart at anytime, and anywhere. Also, Measured Data by EP-301C can help you consult with your physician. Colorful Screen of LCD display of EP-301C helps you with much clear display of waveforms, rhythms, and heart rate.

## Various ways of using EP-301C

**Outside the hospital**

Due to its excellent portability, it is suitable for house calls and nursing at home. Also helpful for patients to rent for post-surgery care and self-medication.

**At the doctor's office**

As accessible and handy as a stethoscope, EP-301C can be used for early detection and prevention of heart diseases.

**In the ward**

One device per nurse. ECG measurement can be done in a short amount of time along with temperature and pulse measurements (i.e. vital check).

**In other occasions**

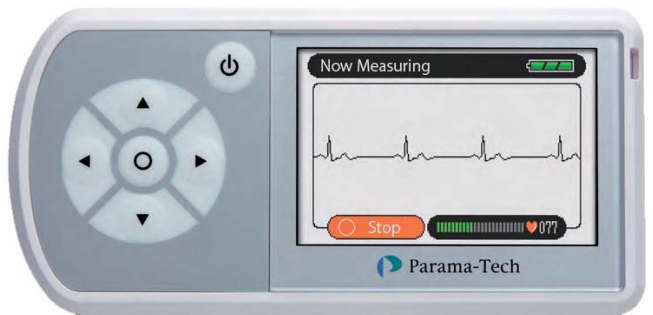
Thanks to its easy handling, EP301C can also be used in other various locations such as rehabilitation facilities for the elderly and administrative offices.

## Features & Functions

**Lightweight • Compact**  
Palm-size EP-301C is as light as approximately 120g and fits right into your pocket.

**Memory Capacity Up to 10 minutes in total.**  
EP-301C can record and store data of up to 10\* minutes. Measured data are categorized into groups A through D based on the rhythm and waveform. This automatic categorization function makes future data deletion and data output easy.

\* Measuring mode : 30 seconds / 1 minute / 3 minutes / 5 minutes.



**Over 100 consecutive measurements.**  
**Battery level at a glance.**  
Energy-saving design makes EP-301C capable of over 100 consecutive measurements with two AAA batteries\*\*. Battery level is displayed on the LCD.

\*\* Use of the LCD backlight may affect the duration of the battery.

Select Measurement Position

Select Measurement Position

Chest  
Palm

Start with ○

Change Information when Measurement

Change Information when Measurement

No Especially  
Palpitation  
Feel Dizzy  
Feel Heart Pain

Enter with ○

**User-friendly ECG measurement in seconds**  
Easy to measure by just holding recorder with right hand and apply the electrode to chest. Possible to use external electrode code to measure. Possible to input information (select measuring electrode or position)



Measuring Now

Comment

Rhythm & Waveform are recognized regular pattern.

R - R Graphic

**Real-time display of measured waveform and heart rate**  
Results of your own ECG waveform and heart rate can be seen immediately on real-time display. Post-measurement review and enlargement/reduction of your waveform are also possible.

**Display of comments**  
Comments on the waveform and rhythm will be displayed after each measurement. This function becomes handy for the user's self-medication purposes. You can turn on/off the comment function based on your needs.

**Graphic R-R Interval**  
Calculates and graphically displays the condition of heartbeat rhythm by using the beat-to-beat alterations in heart rate based on the R-R interval. Graphic R-R interval enables users to check for any heartbeat disorder and its degree.

## Various Measuring Methods



\*Measurement may not be possible for some people due to individual differences.

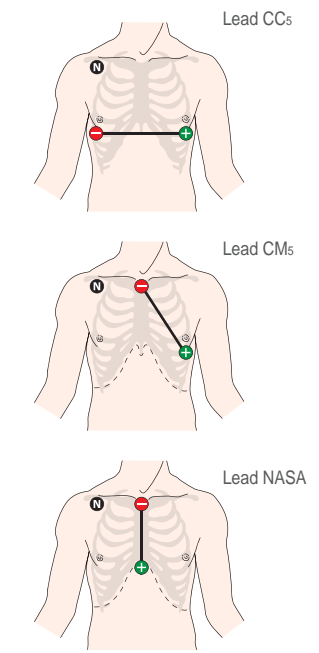
### Measurement using external electrode accessories\*\*

With EP-301C, measurement using the external electrode cord is possible. Use of the cord enables a stable ECG waveform preventing from mixing of noises caused by body movements.



\*\*Please consult with your doctor before using the external electrode accessories.

### Setting positions of external electrode accessories\*\*\*

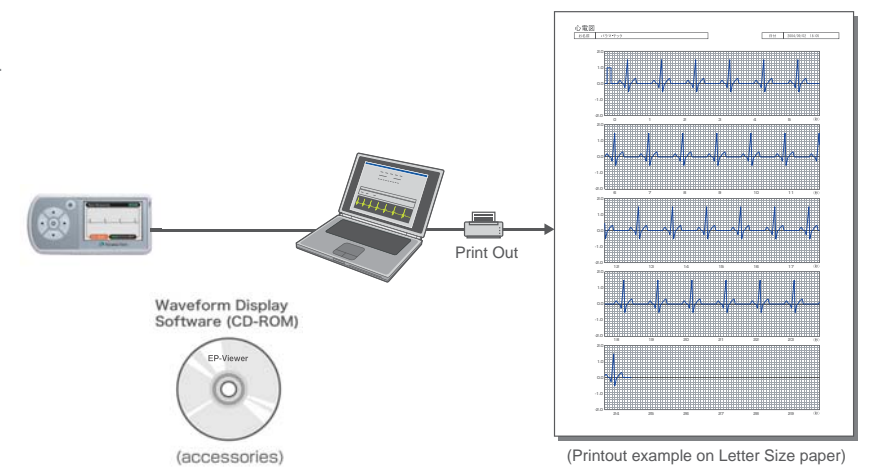


\*\*\*Please consult with your doctor for advice on how to attach the electrodes.

## Other Functions

EP-301C is possible to output measured data to personal computer with USB connectable function. Measured data can be displayed on your personal computer and printed out in one click.

### External output: support for diagnoses



(Printout example on Letter Size paper)