

Name of Parts & Functions

Front Panel

Power ON/OFF Button

Enter Button

Used to confirm selected items and to change screens.

Electrode

When the device is used as a hand-held recorder, this part will be put against the chest or abdomen.

Illumination Sensor

The LCD backlight operates automatically if the illumination sensor senses darkness. (Backlight will not operate during measurement.)

Scroll Button

Used to select items and to move/enlarge/reduce the display of measured waveforms.

Back Panel

Battery Cover

Electrode

This is the part to be grasped in the right hand during measurement.

External Electrode Cord Connection Terminal (EP-202C only)

Analog Output Terminal

By connecting the cable to an apparatus that is capable of analog input, output of measured data is possible.

Serial Input Output Connection Terminal (EP-202C only)

By connecting the cable to an apparatus that is capable of analog input, output of measured data is possible.

Accessories/Optional Items

	EP-201C	EP-202C
2 x AAA Batteries	○	○
User's Manual	○	○
Soft Case	○	○
Warranty Certificate	○	○
Waveform Display Software (CD-ROM)	—	○
External Electrode Code	—	○
Serial Output Cable*	—	○
Analog Output Cable**	○(Optional)	○(Optional)

Technical Specifications

Power Supply	AAA Batteries × 2
Standard Sensitivity	10 mm/mV ±5%
Output Impedance	Below 100 ohm
Lead Position	Chest
Display	ECG Waveform on Graphic LCD
Memory	24 Seconds x 12 Measured ECG Waveforms
Waveform Output Method	Analog Output (EP-201C and EP-202C), Serial Output (EP-202C only)
Waveform Output Sensitivity	0.5 ± 0.05 V
Protection against Electric Shock	Internal Electric Power: DC ⚡ "Type B Applied Part"
Operating temperature	0~40 degree Celsius
Dimensions	(W) 124mm x (H) 18mm x (D) 60mm
Weight	120 g

*USB-Serial Conversion Cable is necessary for USB connection.

**Please contact us for types of available model.

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

Warning

⚠ Caution for Use

EP-201C/EP-202C 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.

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PERSONAL ECG RECORDER

EP-201C / EP-202C



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

Anytime and anywhere.

Increasing trend of heart diseases: important subject of the 21st century

Periodic measurement of ECG and immediately when abnormality is of concern is key for the prevention of increasing heart diseases. EP-201C/EP-202C makes ECG measurement simple at any time, anywhere. Analog (EP-201C and EP-202C) and serial output (EP-202C only) of the measured data become helpful for diagnoses by doctors.

Various ways of using EP-201C & EP-202C

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-201C/EP-202C 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, EP-201C/EP-202C 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-201C/EP-202C is as light as approximately 120g and fits right into your pocket.

Maximum data storage: 12 readings*

EP-201C/EP-202C can record and store data of up to 12** readings. 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.

*Recording time per reading: 24 seconds

** When the stored data exceeds 12, a message will appear at the beginning of the new measurement to alert an overwriting function. If measurement is continued, old data will be overwritten.

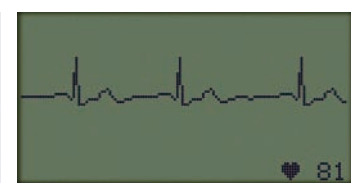
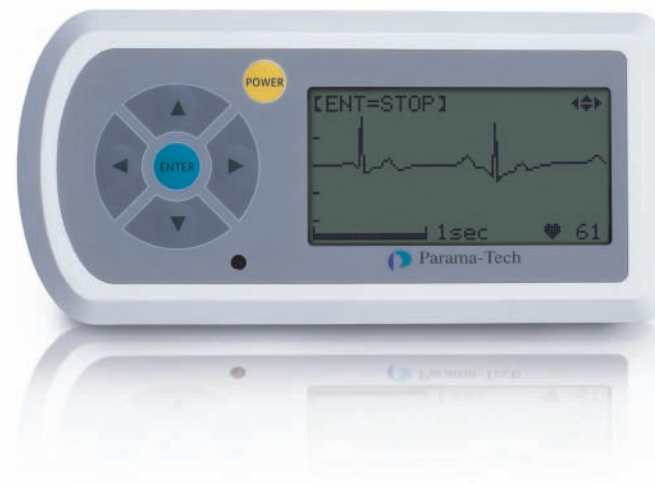
Over 100 consecutive measurements. Battery level at a glance.

Energy-saving design makes EP-201C/EP-202C 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.

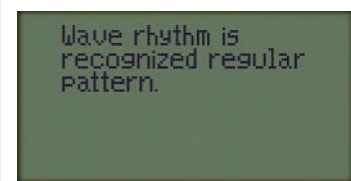
User-friendly ECG measurement in seconds

Basic measurement with EP-201C/EP-202C is very simple. Just grasp the device in your right hand and hold the electrode against your chest for approximately 30 seconds. It only requires one button to start the measurement after turning on the power. The LCD backlight operates automatically if the illumination sensor senses darkness on the LCD.



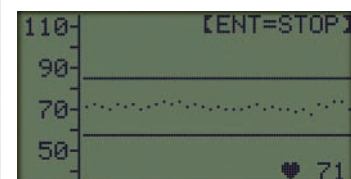
Real-time display of measured waveform and heart rate

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

Lead I *



Lead II



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

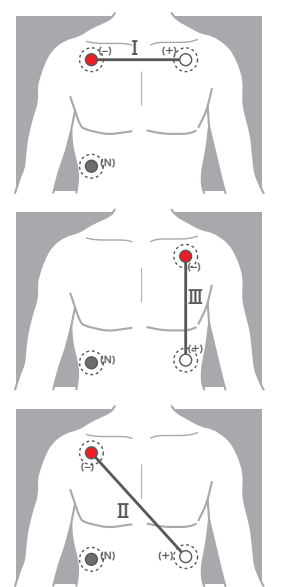
Measurement using external electrode accessories**

With EP-202C, measurement using the external electrode cord is possible. Use of the cord enables a stable ECG waveform by preventing mixing of noises caused by body movements.



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

Setting positions of external electrode accessories***

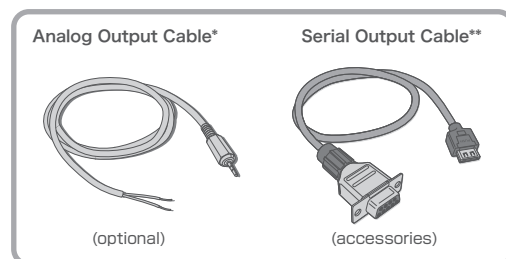


***Please consult with your doctor for advice on how to attach the electrodes.

Other Functions

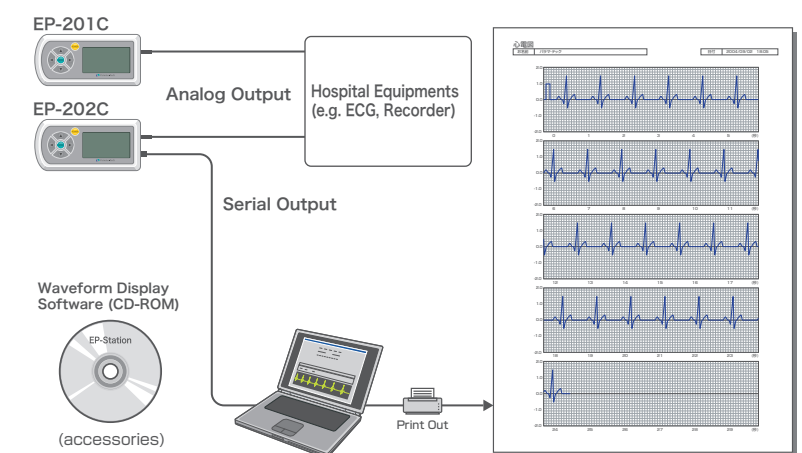
External output: support for diagnoses

EP-202C can be used for serial output of ECG waveform, as well as analog output. Measured data can be displayed on your personal computer and printed out in one click.



*Please contact us for types of available model.

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(Printout example on Letter Size paper)