

PRODUCT GUIDE

HEALTH CARE PRODUCTS


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Leading Technology for Humanity

Determined to develop as a corporation that offers new value for everyone everywhere through high-quality products and services Citizen Systems is reinventing itself.

“Leading Technology for Humanity”

— Our corporate slogan expresses the aspirations of every Citizen Systems employee, each of whom is striving to realize a shared ideal. We have superior miniaturization and refinement technologies cultivated by members of the Citizen Group. We have a desire to design products that are easy for anyone to use. And we have the skills required to pursue quality at every turn, combined with an unswerving commitment to manufacturing. We draw on these strengths to manufacture more advanced products for a wide range of fields, including health information management, information/entertainment and business information equipment. Our aim is to achieve advances in convenience, enabling people to lead more abundant and comfortable lives anytime and anywhere — and to disseminate people-friendly technologies and services that help individuals lead healthier, more fulfilling lives.

“Leading Technology for Humanity”

— We continue to take up new challenges with an eye on our customers and with these words in mind.

CITIZEN SYSTEMS JAPAN CO., LTD.



Citizen Keyword of 21st Century Micro HumanTech

Micro

Citizen Technical Domain

The precision and miniaturization technology that Citizen has developed in a long time; we use these technologies as nuclei, and always stick to the bases of production to make a contribution to the information revolution of 21st century in the field of precision and miniaturization.

Human

Citizen Technological Philosophy

We provide products and develop technologies to communicate with people; the last consumer, and their healthy and hearty life, and to enable our life live together with the earth. We return to our establish basics known as customer principles in which our hope is to make a contribution to people's life in every where in the world by making products that is familiar and loved by citizens.

Tech

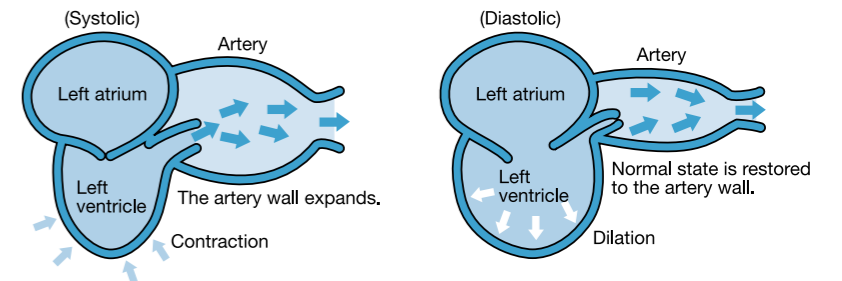
Citizen Technological Method

The professionalism in production that supports the reliance of Citizen. We make a fusion for all technologies such as the precision processing technology, the measurement technology, energy saving technology and the production technology with beautiful and simple designs to create products that is reliable and fascinating. We have a strong belief that the technology fused with sense and knowledge will make people happy.

Digital Blood Pressure Monitors

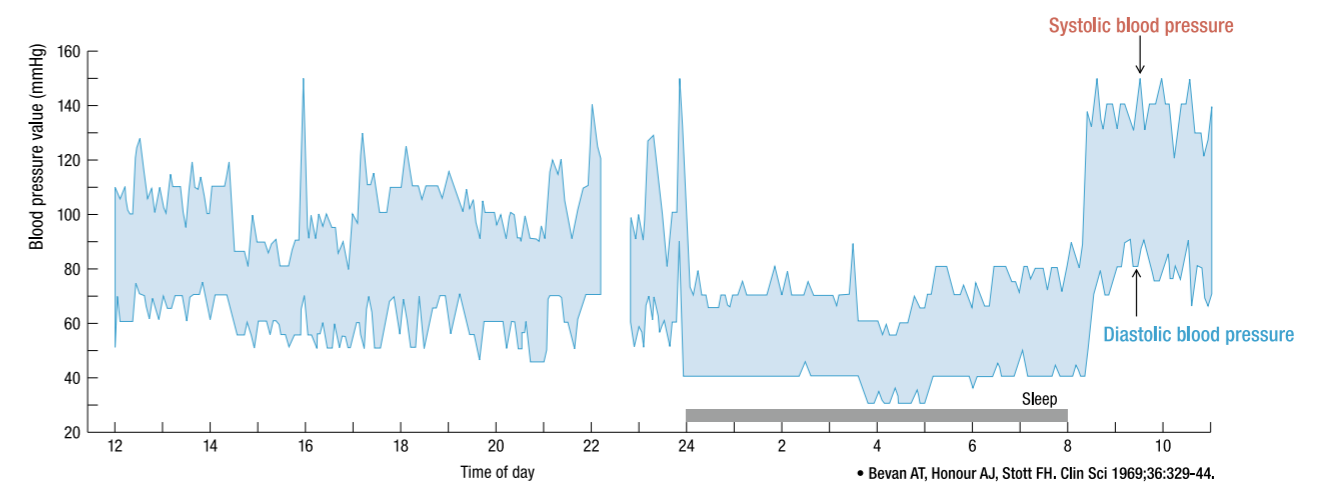
What is blood pressure?

The heart is a pump that circulates blood throughout your body. Blood is pumped from the heart at a constant pressure into arteries. This pressure is called the arterial blood pressure and represents, in general terms, your blood pressure. Blood pressure is indicated by several kinds of pressures, including the systolic pressure that occurs when the heart pumps blood and the diastolic pressure that occurs when blood returns to the heart.

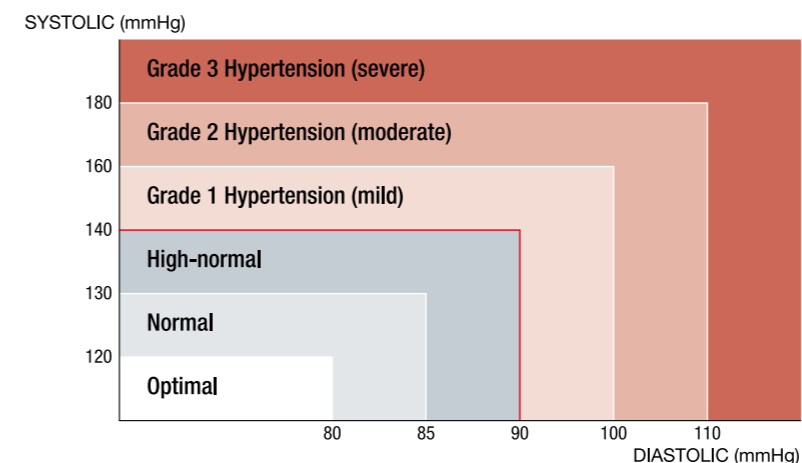


Your blood pressure changes all the time.

Your blood pressure differs according to your age, gender and a range of other factors. It is likely to be affected by your biorhythm during the day and by your posture, physical activities, mental activities, level of stress and even by the air temperature. The blood pressure of a healthy person generally varies within a day.



Blood pressure classifications



The figure left shows the blood pressure classifications under the WHO standards. (Taking measurements while sitting in the hospital)

▶ Upper Arm / Full Automatic



CH-463E



- 60 memories function
- With Pro Adjust cuff
- Easy to read LCD display
- Cuff storage holder
- Large buttons for easy operation
- Automatic power off function
- Simultaneous blood pressure and pulse reading
- AC adapter is optional (AC-230CZ)
- Time and date

SPECIFICATIONS

Measurement System: Oscillometric method
 Measurement range: Pressure: 0~280 mmHg
 Pulse: 40~180 pulse/min
 Accuracy: Pressure: ±3 mmHg,
 Pulse: ±5 %
 Power source: AA size × 4
 Optional AC/DC adapter (6VDC, 1A)
 Battery life: Manganese battery: Approx. 150 times
 Alkaline battery: Approx. 500 times
 Rated voltage: DC6V=3W (= : Direct Current)
 Outside dimensions: 112mm (W) × 152mm (H) × 148mm (D)
 Weight: Unit: Approx. 520g (without batteries)
 Cuff: Approx. 250g



CH-461C



- 7 memories function
- Easy to read LCD display
- Large buttons for easy operation
- Automatic power off function
- Simultaneous blood pressure and pulse reading
- AC adapter is optional (AC-230CZ)

SPECIFICATIONS

Measurement System: Oscillometric method
 Measurement range: Pressure: 0~280 mmHg
 Pulse: 40~180 pulse/min
 Accuracy: Pressure: ±3 mmHg,
 Pulse: ±5 %
 Power source: AA size × 4
 Optional AC/DC adapter (6VDC, 0.6A)
 Battery life: Manganese battery: Approx. 200 times
 Alkaline battery: Approx. 700 times
 Rated voltage: DC6V=3W (= : Direct Current)
 Outside dimensions: 112mm (W) × 76mm (H) × 145mm (D)
 Weight: Unit: Approx. 340g (without batteries)
 Cuff: Approx. 140g



How to operate



1 Slip the cuff around your left arm through so that the blue marker is located in the center of your arm.
 2 To wrap up the cuff, turn the dial clockwise until the click idles.
 3 Press the "START/STOP" switch to start measurement.
 4 Press the release lever (marked "PUSH") to let free the cuff.



ACCUTUBE



Applicable only for CH-461C

SPECIFICATIONS

Measurement Localization: Upper Arm
 Arm Circumference range: 20~32cm
 Weight: Approx. 250g



Application



▲ CH-461C

■ Function mark explanation





CH-437C



- 7 memories function
- Easy to read LCD display
- Cuff storage holder
- Automatic power off function
- Simultaneous blood pressure and pulse reading
- AC adapter is optional (AC-230CZ)

SPECIFICATIONS

Measurement System: Oscillometric method
 Measurement range: Pressure: 0~280 mmHg
 Pulse: 40~180 pulse/min
 Accuracy: Pressure: ±3 mmHg,
 Pulse: ±5 %
 Power source: AA size × 4
 Optional AC/DC adapter (6V=4W)
 Battery life: Manganese battery: Approx. 200 times
 Alkaline battery: Approx. 700 times
 Rated voltage: DC6V=4W (= Direct Current)
 Outside dimensions: 95mm (W) × 130mm (H) × 118mm (D)
 Weight: Unit: Approx. 320g (without batteries)
 Cuff: Approx. 160g



NEW



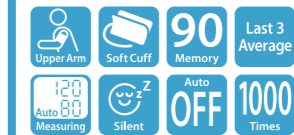
CH-452



- 90 memories function
- Average of last 3 readings
- Easy to read LCD display
- Automatic power off function

SPECIFICATIONS

Measurement System: Oscillometric method
 Measurement range: Pressure: 0~280mmHg
 Pulse: 40~180 pulse/min
 Accuracy: Pressure: ±3 mmHg,
 Pulse: ±5 %
 Power source: AA size × 4
 Battery life: Alkaline battery: Approx. 1000times
 Rated voltage: DC6V=4W (= Direct Current)
 Outside dimensions: 129mm (W) × 55mm (H) × 119mm (D)
 Weight: Unit: Approx. 240g (without batteries)
 Cuff: Approx. 150g



NEW



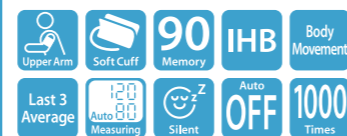
CH-453



- Irregular Heartbeat indicator
- Body movement indicator
- 90 memories function
- Average of last 3 readings
- Easy to read LCD display
- Automatic power off function

SPECIFICATIONS

Measurement System: Oscillometric method
 Measurement range: Pressure: 0~280mmHg
 Pulse: 40~180 pulse/min
 Accuracy: Pressure: ±3 mmHg,
 Pulse: ±5 %
 Power source: AA size × 4
 Battery life: Alkaline battery: Approx. 1000times
 Rated voltage: DC6V=4W (= Direct Current)
 Outside dimensions: 130mm (W) × 53mm (H) × 118mm (D)
 Weight: Unit: Approx. 240g (without batteries)
 Cuff: Approx. 150g



CH-432B

Clinically Validated
ESH Protocol



- Memory recall function
- Full Automatic cuff inflation
- Automatic measuring function
- Automatic power off function

SPECIFICATIONS

Measurement System: Oscillometric method
 Measurement range: Pressure: 0~280 mmHg
 Pulse: 40~180 pulse/min
 Accuracy: Pressure: ±3 mmHg,
 Pulse: ±5 %
 Power source: AA size × 4
 Battery life: Manganese battery: Approx. 200 times
 Alkaline battery: Approx. 700 times
 Rated voltage: DC6V=4W (= Direct Current)
 Outside dimensions: 129mm (W) × 55mm (H) × 122mm (D)
 Weight: Unit: Approx. 230g (without batteries)
 Cuff: Approx. 150g



Function mark explanation



▶ Upper Arm / Semi-Automatic



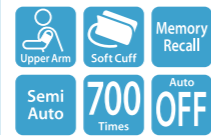
CH-311B



- Memory recall function
- Simultaneous blood pressure and pulse reading
- One handed operation
- Easy to read LCD display
- Automatic power off function

SPECIFICATIONS

Measurement System: Oscillometric method
 Measurement range: Pressure: 0~280 mmHg
 Pulse: 40~180 pulse/min
 Accuracy: Pressure: ±3 mmHg,
 Pulse: ±5 %
 Power source: AAA size × 2
 Battery life: Manganese battery: Approx. 700 times
 Rated voltage: DC3V=0.1W (= Direct Current)
 Outside dimensions: 66.5mm(W)×44.5mm(D)×161.5mm(H)
 Weight: Unit: Approx. 110g (without batteries)
 Cuff: Approx. 150g



▶ Wrist / Full Automatic

NEW



CH-657



- Irregular Heartbeat indicator
- Body movement indicator
- 90 memories function
- Average of last 3 readings
- Easy to read LCD display
- Automatic power off function
- With compact storage case

SPECIFICATIONS

Measurement System: Oscillometric method
 Measurement range: Pressure: 0~280mmHg
 Pulse: 40~180 pulse/min
 Accuracy: Pressure: ±3 mmHg,
 Pulse: ±5 %
 Power source: AAA size × 2
 Battery life: Alkaline battery: Approx. 400times
 Rated voltage: DC3V=0.1W (= Direct Current)
 Outside dimensions: 69mm (W) × 70mm (H) × 15mm (D)
 Weight: Approx. 86g (without batteries)



CH-308B



- Memory recall function
- Large button
- Automatic power off function

SPECIFICATIONS

Measurement System: Oscillometric method
 Measurement range: Pressure: 0~280 mmHg
 Pulse: 40~200 pulse/min
 Accuracy: Pressure: ±3 mmHg,
 Pulse: ±5 %
 Power source: AA size × 4
 Battery life: Manganese battery: Approx. 1000 times
 Rated voltage: DC6V=0.1W (= Direct Current)
 Outside dimensions: 123mm(W) × 44mm(H) × 95mm(D)
 Weight: Unit: Approx. 120g (without batteries)
 Cuff: Approx. 150g
 Pumping bulb unit: Approx. 40g



NEW



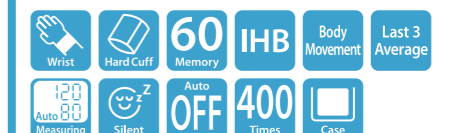
CH-650



- Irregular Heartbeat indicator
- Body movement indicator
- 60 memories function
- Average of last 3 readings
- Easy to read LCD display
- Automatic power off function
- With storage case

SPECIFICATIONS

Measurement System: Oscillometric method
 Measurement range: Pressure: 0~280mmHg
 Pulse: 40~180 pulse/min
 Accuracy: Pressure: ±3 mmHg,
 Pulse: ±5 %
 Power source: AAA size × 2
 Battery life: Alkaline battery: Approx. 400times
 Rated voltage: DC3V=0.1W (= Direct Current)
 Outside dimensions: 65mm (W) × 74mm (H) × 29mm (D)
 Weight: Approx. 103g (without batteries)



CH-302B



- Memory recall function
- Compact & light weight
- Automatic power off function

SPECIFICATIONS

Measurement System: Oscillometric method
 Measurement range: Pressure: 0~280 mmHg
 Pulse: 40~200 pulse/min
 Accuracy: Pressure: ±3 mmHg,
 Pulse: ±5 %
 Power source: 6F22/9V × 1
 Battery life: Manganese battery: Approx. 400 times
 Rated voltage: DC9V=0.1W (= Direct Current)
 Outside dimensions: 85mm (W) × 35mm (H) × 120mm (D)
 Weight: Unit: Approx. 110g (without battery)
 Cuff: Approx. 150g
 Pumping bulb unit: Approx. 40g



■ Function mark explanation





CH-656C

Clinically Validated
ESH Protocol



- 7 memories function
- One touch full automatic operation
- Soft cuff for comfortable use
- Handy and slim design
- Automatic power off function
- With compact storage case

SPECIFICATIONS

Measurement System: Oscillometric method
 Measurement range: Pressure: 0~280 mmHg
 Pulse: 40~180 pulse/min
 Accuracy: Pressure: ±3 mmHg,
 Pulse: ±5 %
 Power source: AAA size × 2
 Battery life: Alkaline battery: Approx. 400 times
 Rated voltage: DC3V≒1W (≒: Direct Current)
 Outside dimensions: 67mm(W) × 70mm(H) × 21mm(D)
 Weight: Approx. 100g (without batteries)



CH-607



- 99 memories function
- Simultaneous blood pressure and pulse reading
- One touch automatic operation
- With compact storage case
- Time and date

SPECIFICATIONS

Measurement System: Oscillometric method
 Measurement range: Pressure: 0~300 mmHg
 Pulse: 40~199 pulse/min
 Accuracy: Pressure: ±3 mmHg,
 Pulse: ±5 %
 Power source: AAA size × 2
 Battery life: Alkaline battery: Approx. 250 times
 Rated voltage: DC3V≒1.8W (≒: Direct Current)
 Outside dimensions: 72mm(W) × 70mm(H) × 29mm(D)
 Weight: Approx. 110g (without batteries)



CH-606B



- 48 memories function
- Simultaneous blood pressure and pulse reading
- One touch automatic operation
- With compact storage case
- Time and date

SPECIFICATIONS

Measurement System: Oscillometric method
 Measurement range: Pressure: 0~300 mmHg
 Pulse: 40~199 pulse/min
 Accuracy: Pressure: ±3 mmHg,
 Pulse: ±5 %
 Power source: AAA size × 2
 Battery life: Alkaline battery: Approx. 250 times
 Rated voltage: DC3V≒1.8W (≒: Direct Current)
 Outside dimensions: 72mm(W) × 70mm(H) × 29mm(D)
 Weight: Approx. 100g (without batteries)



CH-608



- 2-person × 60 memories function
- Hypertension classification indicator
- Irregular heartbeat indicator
- Average of last 3 readings
- PC link available (option)
- Automatic power off
- With compact storage case
- Time and date

SPECIFICATIONS

Measurement System: Oscillometric method
 Measurement range: Pressure: 0~299 mmHg
 Pulse: 40~199 pulse/min
 Accuracy: Pressure: ±3 mmHg,
 Pulse: ±5 %
 Power source: AAA size × 2
 Battery life: Alkaline battery: Approx. 300 times
 Rated voltage: DC3V≒3W (≒: Direct Current)
 Outside dimensions: 78mm(W) × 66mm(H) × 32mm(D)
 Weight: Approx. 115g (without batteries)



CH-605B



- 48 memories function
- Simultaneous blood pressure and pulse reading
- Large size LCD display
- One touch automatic operation
- With compact storage case

SPECIFICATIONS

Measurement System: Oscillometric method
 Measurement range: Pressure: 0~300 mmHg
 Pulse: 40~199 pulse/min
 Accuracy: Pressure: ±3 mmHg,
 Pulse: ±5 %
 Power source: AAA size × 2
 Battery life: Alkaline battery: Approx. 250 times
 Rated voltage: DC3V≒1.8W (≒: Direct Current)
 Outside dimensions: 72mm(W) × 70mm(H) × 29mm(D)
 Weight: Approx. 100g (without batteries)












Function mark explanation






Comparison

	Upper Arm / Full Automatic			
Products				
Model	CH-463E	CH-461C	CH-453	CH-452
Outside dimensions	112×152×148mm	112×76×145mm	130×53×118mm	129×55×119mm
Weight (without batteries)	Unit: Approx. 520g, Cuff: Approx. 250g	Unit: Approx. 340g, Cuff: Approx. 140g	Unit: Approx. 240g, Cuff: Approx. 150g	Unit: Approx. 240g, Cuff: Approx. 150g
Cuff	Pro adjust cuff	Soft cuff	Soft cuff	Soft cuff
Memory	60 Memory	7 Memory	90 Memory	90 Memory
Irregular heartbeat indicator	—	—	●	—
Body movement indicator	—	—	●	—
Average	—	—	Last 3	Last 3
Display simultaneously	●	●	●	—
Auto measuring	●	●	●	●
Auto power off	●	●	●	●
Time	Alarm & Clock	—	—	—
Battery life	500 times	700 times	1000 times	1000 times
Power source	AA size × 4	AA size × 4	AA size × 4	AA size × 4
Option (AC / DC adapter)	●	●	—	—
Silent	●	●	●	●
Carring case	●	—	—	—
Page	2	3	4	5

Upper Arm / Full Automatic		Upper Arm / Semi-Automatic		
				
CH-432B	CH-437C	CH-311B	CH-308B	CH-302B
129×55×122mm	95×130×118mm	66.5×44.5×161.5mm	123×44×95mm	85×35×120mm
Unit: Approx. 230g, Cuff: Approx. 150g	Unit: Approx. 320g, Cuff: Approx. 160g	Unit: Approx. 110g, Cuff: Approx. 150g	Unit: Approx. 120g, Cuff: Approx. 150g Pumping bulb unit: Approx. 40g	Unit: Approx. 110g, Cuff: Approx. 150g Pumping bulb unit: Approx. 40g
Soft cuff	Soft cuff	Soft cuff	Soft cuff	Soft cuff
Memory recall	7 Memory	Memory recall	Memory recall	Memory recall
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
●	●	—	—	—
●	●	●	●	●
—	—	—	—	—
700 times	700 times	700 times	1000 times	400 times
AA size × 4	AA size × 4	AAA size × 2	AA size × 4	6F22/9V × 1
—	●	—	—	—
—	—	—	—	—
—	—	—	—	—
5	4	6	6	6

	Wrist / Full Automatic			
Products				
Model	CH-657	CH-650	CH-656C	CH-608
Outside dimensions	69×70×15mm	65×74×29mm	67×70×21mm	78×66×32mm
Weight (without batteries)	Approx. 86g	Approx. 103g	Approx. 100g	Approx. 115g
Cuff	Soft cuff	Hard cuff	Soft cuff	Hard cuff
Memory	90 Memory	60 Memory	7 Memory	2 × 60 Memory
Irregular heartbeat indicator	●	●	—	●
Body movement indicator	●	●	—	—
Average	Last 3	Last 3	—	Last 3
Display simultaneously	●	●	—	●
Auto measuring	●	●	●	●
Auto power off	●	●	●	●
Time	—	—	—	●
Battery life	400 times	400 times	400 times	300 times
Power source	AAA size × 2	AAA size × 2	AAA size × 2	AAA size × 2
Storage case	●	●	●	●
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Wrist / Full Automatic		
		
CH-607	CH-606B	CH-605B
72×70×29mm	72×70×29mm	72×70×29mm
Approx. 110g	Approx. 100g	Approx. 100g
Hard cuff	Hard cuff	Hard cuff
99 Memory	48 Memory	48 Memory
—	—	—
—	—	—
—	—	—
●	●	●
●	●	●
●	●	●
●	●	—
250 times	250 times	250 times
AAA size × 2	AAA size × 2	AAA size × 2
●	●	●
9	9	9

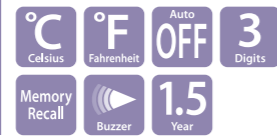
Digital Thermometers



CT461C CELSIUS (°C)
CT461F FAHRENHEIT (°F)



- General purpose use
- Auto memory recall of last reading
- Buzzer notices
- 3-Digits display
- Auto power off



SPECIFICATIONS

Measuring method: Temperature peak hold thermometer
Measuring range: 32.0°C~44.0°C (89.6°F~111.2°F)
Accuracy: Celsius ±0.1°C (35.5~42.0°C)
Fahrenheit ±0.2°F (95.9~107.6°F)
Display: Liquid crystal display (LCD)
3 digits with decimal point °C (°F), battery weak mark and memory mark
Battery : DC1.5V (Micro Alkaline Battery; LR41 × 1)
Battery life : Approx. 1.5 year (If used 10 minutes a day)
Unit size : Approx. 18.2mm (W) × 130.8mm (L)
Weight: Approx. 11.2g (Including battery)



Comes with a compact carrying case.

CT810 CELSIUS (°C)



- No need to use a probe cover
- Antibacterial material and water resistant construction
- Auto Power OFF and 3,000 times use with one battery (LR44)



SPECIFICATIONS

Measuring range: 32.0°C~42.0°C
Accuracy: ±0.1°C 36.0≤T≤39.0°C
(Measuring temperature at 23.0°C)
±0.2°C T<36.0°C, T>39.0°C
(Measuring temperature at 23.0°C)
Display: Liquid crystal display (LCD)
3 digits with decimal point °C, battery weak mark $\bar{\text{C}}$
Battery : DC1.5V (Micro Alkaline Battery LR44)
Battery life : Over 3,000 consecutive measurements
Unit size : Approx. 37mm (W) × 131mm (L)
Weight: Approx. 45g (Including battery)

Caution

Measurement result with this unit may be different from a result by other type of thermometers due to a different measuring place.



CT561C CELSIUS (°C)
CT561F FAHRENHEIT (°F)



- General purpose use
- Water resistant & fully washable
- Auto memory recall of last reading
- Buzzer notices
- 3-Digits display
- Auto power off



SPECIFICATIONS

Measuring method: Temperature peak hold thermometer
Measuring range: 32.0°C~44.0°C (89.6°F~111.2°F)
Accuracy: Celsius ±0.1°C (35.5~42.0°C)
Fahrenheit ±0.2°F (95.9~107.6°F)
Display: Liquid crystal display (LCD)
3 digits with decimal point °C (°F), battery weak mark and memory mark
Battery : DC1.5V (Micro Alkaline Battery; LR41 × 1)
Battery life : Approx. 1.5 years (If used 10 minutes a day)
Unit size : Approx. 18.2mm (W) × 130.8mm (L)
Weight: Approx. 11.2g (Including battery)



CT830 CELSIUS (°C) • FAHRENHEIT (°F)



- 9 memories of ear temperature
- Ear temperature mode or surface temperature mode available
- Celsius or Fahrenheit mode available
- No need to use probe cover
- Stop-watch for pulse counting



SPECIFICATIONS

Measuring range: For ear temperature mode; 34.0°C~42.2°C (93.2~108°F)
For Material surface temperature mode; -22~80°C (-7.6~176°F)
Accuracy: For ear temperature mode; ±0.2°C (0.4°F) for temperatures 35.5~42.0°C (95.9~107.6°F), ±0.3°C (0.5°F) for other ranges
For Material surface temperature mode; ±0.3°C (0.5°F) for temperatures 22~42.2°C (-7.6~108°F) for other ranges. ±4% or ±2°C (4°F), whichever greater
Display: Liquid crystal display (LCD)
3 digits with decimal point °C or °F
Battery : DC3V (Lithium Manganese Dioxide Battery CR2032 × 1)
Battery life : 3,000 consecutive measurements
Unit size : Approx. 37mm (W) × 115mm (L)
Weight: Approx. 60g (Including battery)



CT513W CELSIUS (°C)



- General purpose use
- Water resistant & fully washable
- Using antibacterial material for cases
- Auto memory recall of last reading
- Buzzer notices
- 3-Digits display
- Auto power off



SPECIFICATIONS

Measuring method: Temperature peak hold thermometer
Measuring range: 32.0°C~42.0°C
Accuracy: ±0.1°C (35.5~42.0°C)
Display: Liquid crystal display (LCD)
3 digits with decimal point °C, memory mark "M"
Battery mark
Battery : DC1.5V (Micro Alkaline Battery; LR41 × 1)
Battery life : Approx. 3 years (If used 3 times a day, for 10 min. each time)
Unit size : Approx. 17mm (W) × 129mm (L)
Weight: Approx. 10g (Including battery)

Comparison

Products					
Model	CT461C / CT461F	CT561C / CT561F	CT513W	CT810	CT830
Unit Size (Approx.)	18.2×130.8×11.6mm	18.2×130.8×11.6mm	17×129×8mm	37×131×25mm	37×115×29mm
Weight	Approx. 11.2g (Including battery)	Approx. 11.2g (Including battery)	Approx. 10g (Including battery)	Approx. 45g (Including battery)	Approx. 60g (Including battery)
Display	3 Digits	3 Digits	3 Digits	3 Digits	3 Digits
Aniti Bacterial	—	—	●	●	—
Water Resistant	—	●	●	●	—
Buzzer	●	●	●	●	●
Auto power off	●	●	●	●	●
Memory recall	●	●	●	●	—
Battery life	1.5 year	1.5 year	3 years	3 years	3 years
Power source	LR44 × 1	LR44 × 1	LR44 × 1	LR44 × 1	CR2032
Page	12	12	12	13	13

Function mark explanation



Digital Pedometer



NEW



TW600-RED



TW600-PINK



TW600-BLACK



TW600-BLUE



TW600-SILVER



TW600-WHITE

TW600



- Thin-type pedometer
- 3-D acceleration sensor
- Indication of amount of exercise (Ex)
- The accumulated date for a 7-day period
- Memory for 14 days
- Drip-proof construction
- Function for preventing measuring errors when walking
- Power saving mode

SPECIFICATIONS

Step detection system: 3-D acceleration sensor
 Display: LCD
 Display contents: Date and time 24-hour system
 Steps Maximum 999999 steps
 Calorie consumption Maximum 99999.9kcal
 Amount of burnt fat Maximum 9999.9g
 Walking distance Maximum 999.99km
 Walking time Maximum 99999minutes
 Mean speed maximum 99.99km/hr
 Exercise Maximum 99.9Ex
 14-day
 Memory: Type CR2032 X 1
 Power source: Approx. 6 months
 Battery life: Approx. 73×31×10mm
 Dimension: Approx. 25g
 Weight:

What is an amount of exercise?

Amount of exercise (Ex) refers to the unit indicating the amount of physical activity. To prevent lifestyle diseases, you are recommended to actively engage in a minimum of 23 Ex physical activities (exercise and daily activities) a week. It is also recommended that you check with the guideline by the health authority in your area.

Amount of exercise (Ex) = Intensity of physical activities (METs) x Time (hr).

Intensity of physical activities (METs) multiplied by duration (hr) of physical activity makes an amount of exercise (Ex).

METs = Metabolic Equivalents, the unit of intensity of physical activities

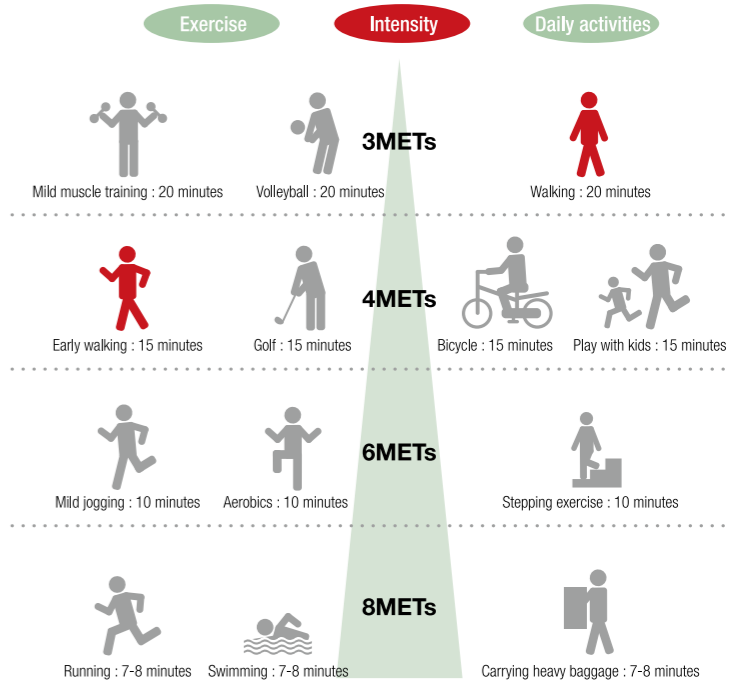
The unit expressing the "intensity of physical activities" by the multiplication equivalent to the counterpart during rest. Normal walking is equivalent to 3 METs.

This product indicates the amount of exercise (Ex) by the number of steps.

Reference)

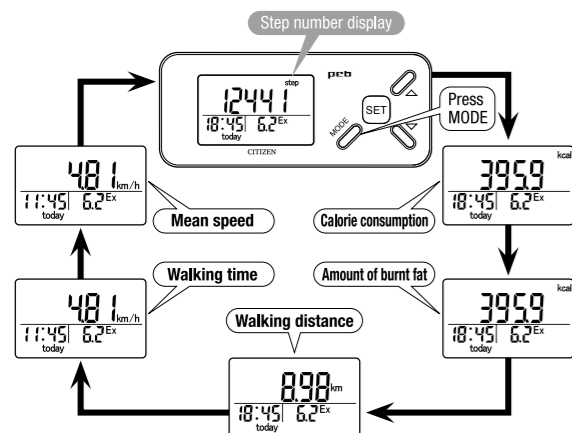
Normal walking (3 METs) x 1 hour = 3 Ex
 Fast walking (4 METs) x 1 hour = 4 Ex

• Diverse physical activities be equivalent to 1 Ex.



Reviewing various measured values

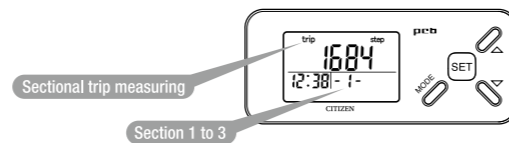
Each time (MODE) switch is pressed, the screen display on the top column changes, enabling you to view respective measured values as shown below: (Number of steps → Calorie consumption → Amount of burnt fat → Walking distance → Walking time → Mean speed → Number of steps...)



Convenient function

Sectional trip measuring

(SET) switch displays the characters reading <trip> on the screen. You can measure optional three (3) sections.



(Example 1 of actual use)

- Section 1: When you want to measure the number of steps to the station, for example
- Section 2: When measuring the number of steps while you are on a business trip
- Section 3: When measuring the number of steps for one (1) month

(Example 2 of actual use)

- Section 1: For setting a rough marking for a break after every 5,000 steps
- Section 2: For setting a rough marking for the distance from the station to a rest point
- Section 3: For measuring the number of steps of a complete hiking route



TW300



- Easy to read large Display
- Calorie consumption chart
- Sensitivity adjustment switch

SPECIFICATIONS

Step detection system: Pendulum mechanism
 Display: Liquid crystal digital
 Steps: 9~99999 steps
 Power source: Type LR44 X 1
 Battery life: Approx. 2 years
 Dimension: 55mm(W) x 35.5mm(H) x 12.8mm(D)
 Weight: Approx. 21g(without batteries)

Nebulizer



CUN60-CE
CUN60-120V



- Handy design with built-in detachable rechargeable battery pack, compact and light-weight
- Easy to use uses water as ultrasonic conducting medium, no gel is required
- Silent operation thanks to the ultrasonic vibration technology
- 3-speed nebulization rate control provides optimal treatment for different density
- Built-in timer automatically shuts off after 10 minutes use

SPECIFICATIONS

Power: AC100V, 50/60Hz — CUN60-120V
AC220-240V, 50/60Hz — CUN-CE

Power consumption: Approx. 10W

Ultrasonic Frequency: 2.5 MHz

Nebulization rate: 3-speed adjustable

Particle size: 5 μMMAD

Medication cup capacity: Max. 8 ml.

Auto shut-off timer: Approx. 10 min

Dimension: 88mm(W) × 143mm(H) × 53mm(D)

Weight: Approx. 350g (Including rechargeable battery-pack)

Accessories: Nose piece. Mouth nozzle. Extension tube. Adult & child masks. AC adapter. Medication cup (15 pcs.). Soft carrying case.

Totally Portable !!



Model Index

Model Index	Gift Box Size			Master Carton			Jan Code	Page	
	Dimension(L×W×Hmm)	Weight(g)	Packed Q'TY	M3	Kg				
Digital Blood Pressure Monitors									
CH-463E	157	195	203	1390	10	0.077	16.3	4580193650207	2
CH-461C	120	150	130	767	20	0.063	17.2	4580193650191	3
ACCUTUBE	135	195	170	500	20	0.102	10.8	4580193650375	3
CH-437C	121	139	165	717	10	0.037	9.2	4580193650047	4
CH-453	130	165	90	607	20	0.049	13.7	4580193650634	4
CH-452	130	165	90	601	20	0.047	13.0	4580193650603	5
CH-432B	130	165	90	565	20	0.059	13.8	4966006689143	5
CH-311B	115	185	95	468	20	0.054	11.5	4562195130079	6
CH-308B	140	165	88	490	10	0.031	6.6	4966006708028	6
CH-302B	132	170	77	400	10	0.024	5.7	4966006627428	6
CH-657	54	94	133	276	40	0.036	12.0	4580193650627	7
CH-650	98	91	135	302	40	0.060	13.2	4580193650702	7
CH-656C	72	117	139	285	20	0.028	6.5	4966006689167	8
CH-608	100	110	157	346	24	0.046	7.2	4580193650474	8
CH-607	90	104	110	330	20	0.030	6.9	4966006708073	9
CH-606B	90	104	110	307	20	0.030	6.6	4966006689358	9
CH-605B	90	104	110	310	20	0.030	6.7	4966006689341	9
Digital Thermometers									
CT461C	40	150	17	44	200	0.042	10.7	4966006627886	12
CT461F	40	150	17	44	200	0.042	10.7	4966006627879	12
CT561C	40	150	17	44	200	0.042	10.7	4966006627909	12
CT561F	40	150	17	44	200	0.042	10.7	4966006627893	12
CT513W	42	184	19	43	200	0.041	10.7	4966006627602	12
CT810	65	175	43	129	100	0.098	17.1	4966006627633	13
CT830	106	200	50	175	40	0.057	10.4	4580193650030	13
Digital Pedometer									
TW600-BLACK	165	77	20	72	100	0.037	9.0	4580193650542	14
TW600-BLUE	165	77	20	72	100	0.037	9.0	4580193650535	14
TW600-PINK	165	77	20	72	100	0.037	9.0	4580193650559	14
TW600-RED	165	77	20	72	100	0.037	9.0	4580193650528	14
TW600-SILVER	165	77	20	72	100	0.037	9.0	4580193650566	14
TW600-WHITE	165	77	20	72	100	0.037	9.0	4580193650511	14
TW300	135	80	20	41	200	0.059	10.4	4580193650054	15
Nebulizer									
CUN60-CE	175	175	120	1300	10	0.046	13.6	4966006689211	16
CUN-60-120V	175	175	120	1250	10	0.046	13.1	4966006708158	16