

HEALTHCARE PRODUCTS

CITIZEN HEALTHCARE PRODUCTS

Nebulizer



Digital Blood Pressure Monitor



Digital Thermometer



Digital Body Scale

*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.*

Connecting personal health data with doctors

We have introduced evolutionary advanced healthcare systems.

Lifestyle related diseases that typically show no external symptoms and often lead to further complications, such as heart failure and stroke, have been on the rise.

Therefore, it is crucial to undergo periodic health examinations at medical institutions as well as carryout daily health checks at home, as this increases the possibility of an early diagnosis.

To facilitate the latter and to support a healthy lifestyle, Citizen Systems supplies topnotch user-friendly healthcare products, such as digital blood pressure monitors and thermometers.



Digital Blood Pressure Monitor 2

Digital Thermometer 14

Digital Body Scale 19

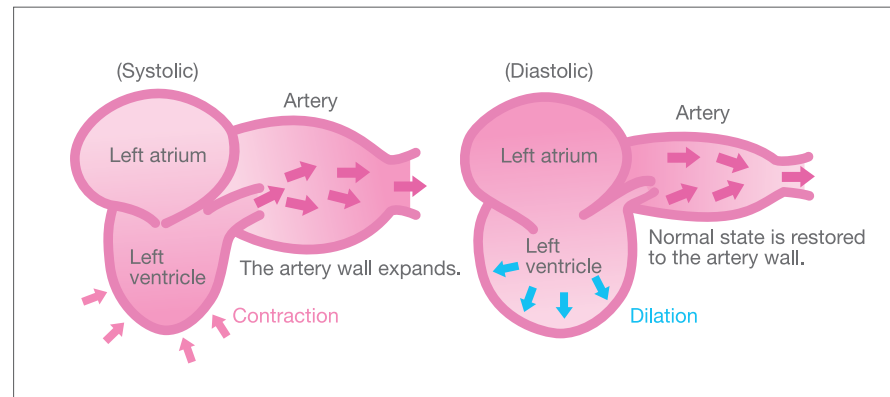
Nebulizer 20

Model Index 21

Digital Blood Pressure Monitor

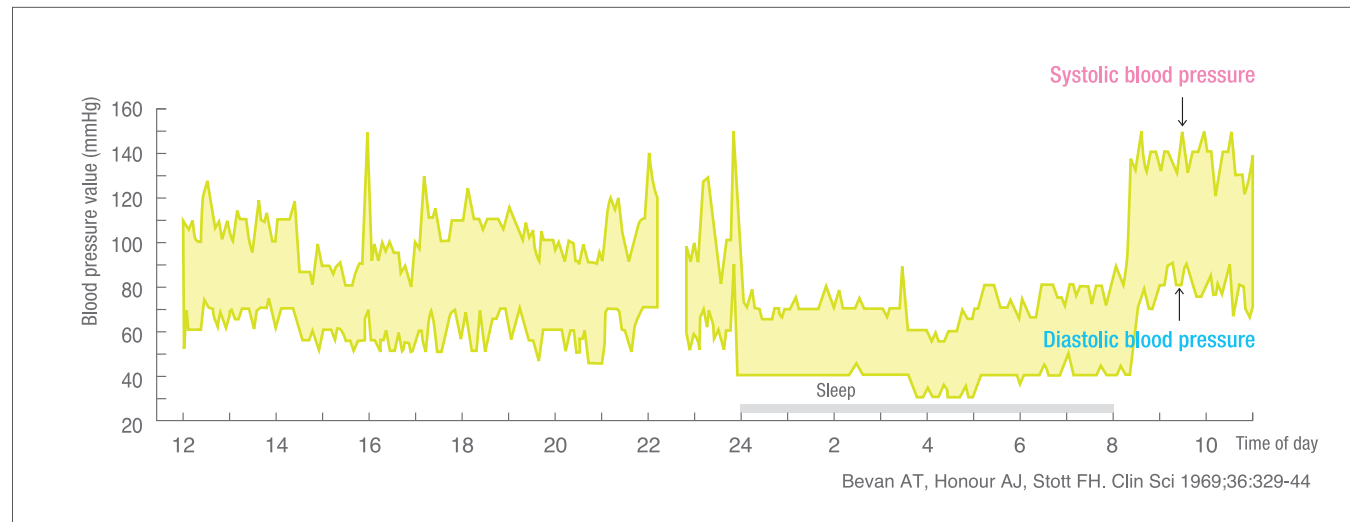
What is blood pressure?

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 biorythm 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.

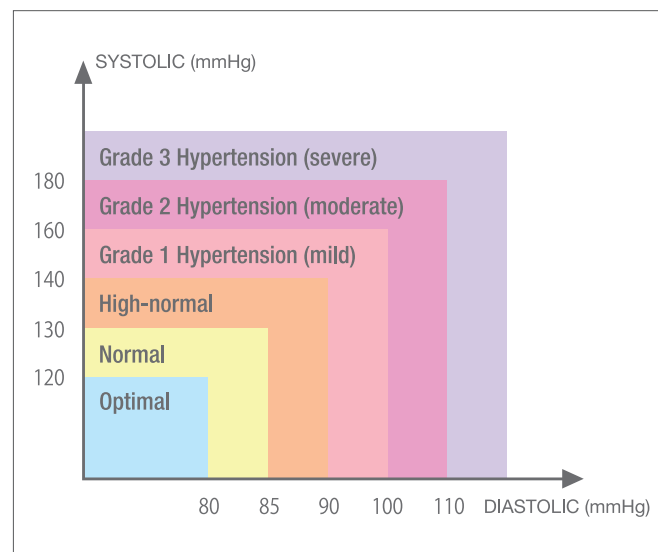


Blood pressure classifications

The figure right shows the blood pressure classifications under the WHO standards.

(Taking measurements while sitting in the hospital)

[WHO / ISH : 1999]

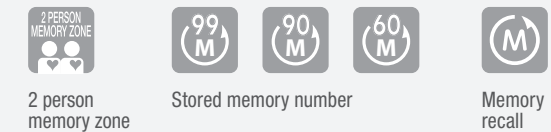


Function mark explanation (Blood Pressure Monitor)

Measurement Method Measurement Point



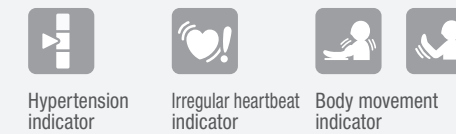
Main Features Memory Function



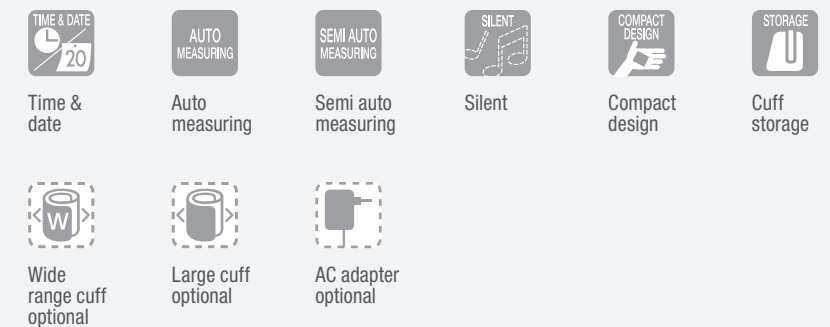
Average Memory



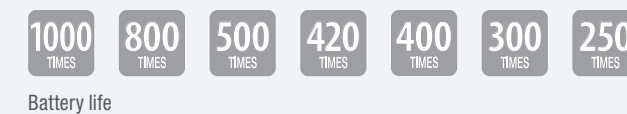
Markings



Other Specifications



Battery Life



Accessories



How to operate

CH456, CHU503, CHUG330, CHU306, CHUD514/517, CH453, CH452, CHU304/305



1 Wrap the Cuff around your arm and make sure the blue marker is located in the center of your arm.



2 Place your arm on a table with your palm opened and relaxed. Press the START/STOP switch to start measurement.



3 The blood pressure generally varies in a day. Preferably, you should measure your blood pressure at the same time each day wherever possible.

STYLISH BLACK

Only available in select markets.



CH453



CH657

Limited Edition



CH453



- Irregular heart beat indicator
- Body movement indicator
- 90 memory
- Average of last 3 readings
- Easy to read LCD display
- Automatic power off
- Simultaneous blood pressure and pulse reading
- Large cuff is optional



CH452



- 90 memory
- Average of last 3 readings
- Easy to read LCD display
- Automatic power off
- Large cuff is optional



CH657



- Irregular heart beat indicator
- Body movement indicator
- 90 memory
- Average of last 3 readings
- Easy to read LCD display
- Automatic power off
- Handy and slim design
- With compact storage case
- Simultaneous blood pressure and pulse reading



CH650



- Irregular heart beat indicator
- Body movement indicator
- 60 memory
- Average of last 3 readings
- Easy to read LCD display
- Automatic power off
- With compact storage case
- Simultaneous blood pressure and pulse reading

Digital Blood Pressure Monitor

Upper arm/ Full automatic Type



CH456



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 $\times 4$
 Optional AC/DC adapter (DC 6V, 0.6A)
Battery life Manganese battery : Approx. 150 times
 Alkaline battery : Approx. 500 times
Rated voltage DC6V \equiv 3W (\equiv : Direct Current)
Outside dimensions W105 \times H166 \times D122 mm
Weight Unit : Approx. 390g (without batteries)
 Cuff : Approx. 130g

- Hypertension indicator
- Irregular heartbeat indicator
- Body movement indicator
- 90 memory
- Average of last 3 readings
- Easy to read LCD display
- Cuff storage holder
- Automatic power off
- Simultaneous blood pressure and pulse reading
- Time and date

Optional parts
 ■ Large cuff (32.0 - 42.0 cm)
 ■ AC adapter



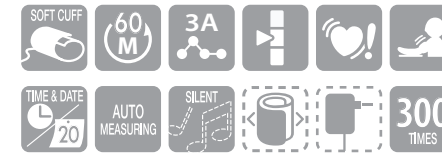
CHUG330



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 $\times 4$
 Optional AC/DC adapter (DC 6V, 0.7A)
Battery life Manganese battery : Approx. 150 times
 Alkaline battery : Approx. 300 times
Rated voltage DC6V \equiv 3W (\equiv : Direct Current)
Outside dimensions W110 \times H47 \times D104 mm
Weight Unit : Approx. 210g (without batteries)
 Cuff : Approx. 130g

- Hypertension Indicator
- Irregular heartbeat indicator
- Body movement indicator
- 60 memory
- Average of last 3 readings
- Easy to read LCD display
- Automatic power off
- Simultaneous blood pressure and pulse reading
- Time and date

Optional parts
 ■ Large cuff (32.0 - 42.0 cm)
 ■ AC adapter



CHU503



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 $\times 4$
 Optional AC/DC adapter (DC 6V, 0.6A)
Battery life Manganese battery : Approx. 150 times
 Alkaline battery : Approx. 500 times
Rated voltage DC6V \equiv 3W (\equiv : Direct Current)
Outside dimensions W145 \times H76 \times D96 mm
Weight Unit : Approx. 290g (without batteries)
 Cuff : Approx. 130g

- Hypertension indicator
- Irregular heartbeat indicator
- Body movement indicator
- 90 memory
- Average of last 3 readings
- Easy to read LCD display
- Automatic power off
- Simultaneous blood pressure and pulse reading
- Time and date

Optional parts
 ■ Large cuff (32.0 - 42.0 cm)
 ■ AC adapter



CHU306



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 $\times 4$
Battery life Manganese battery : Approx. 150 times
 Alkaline battery : Approx. 300 times
Rated voltage DC6V \equiv 3W (\equiv : Direct Current)
Outside dimensions W110 \times H47 \times D104 mm
Weight Unit : Approx. 210g (without batteries)
 Cuff : Approx. 130g

- Irregular heartbeat indicator
- Body movement indicator
- 90 memory
- Average of last 3 readings
- Easy to read LCD display
- Automatic power off
- Simultaneous blood pressure and pulse reading

Optional parts
 ■ Large cuff (32.0 - 42.0 cm)



Digital Blood Pressure Monitor

Upper arm/ Full automatic Type

ESH



CHUD514 CHUD517

Measurement system Oscillometric method
 Measurement range Pressure : 0 - 300 mmHg
 Pulse : 40 - 180 pulse/min
 Accuracy Pressure : ±3 mmHg
 Pulse : ±5 %
 Power source AA size×4
 Battery life Alkaline battery : Approx. 420 times
 Outside dimensions W118×H62×D137 mm
 Weight Unit : Approx. 305g (without batteries)
 Cuff : CHUD514 Approx. 128g
 CHUD517 Approx. 134g



- Hypertension indicator
- Irregular heartbeat indicator
- 99 memory
- Average of last 3 readings
- Time and date
- Easy to read LCD display
- Automatic power off
- ESH validated
- Simultaneous blood pressure and pulse reading

Optional parts
 ■ Wide range cuff (22.0 - 42.0 cm)
 ■ AC adapter

CHUD517
 ■ Comes with Wide range cuff



Wide range cuff (SCW-009)



CH453 CH453AC

STYLISH BLACK

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 (DC 6V, 0.7A)
 Battery life Manganese battery : Approx. 300 times
 Alkaline battery : Approx. 1,000 times
 Rated voltage DC6V --- 3W (--- : Direct Current)
 Outside dimensions W130× H53×D118 mm
 Weight Unit : Approx. 240g (without batteries)
 Cuff : Approx. 130g



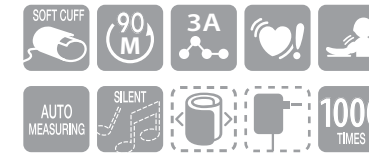
- Irregular heartbeat indicator
- Body movement indicator
- 90 memory
- Average of last 3 readings
- Easy to read LCD display
- Automatic power off
- Simultaneous blood pressure and pulse reading

Optional parts
 ■ Large cuff
 ■ AC adapter (Only for CH453AC)



CH453 / CH453AC

CH453



ESH



CHU304 CHU305

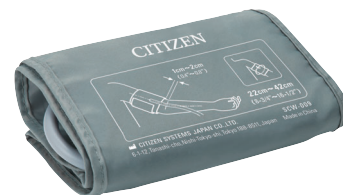
Measurement system Oscillometric method
 Measurement range Pressure : 0 - 300 mmHg
 Pulse : 40 - 180 pulse/min
 Accuracy Pressure : ±3 mmHg
 Pulse : ±5 %
 Power source AA size×4
 Battery life Alkaline battery : Approx. 800 times
 Outside dimensions W138×H48×D98 mm
 Weight Unit : Approx. 209g (without batteries)
 Cuff : CHU304 Approx. 128g
 CHU305 Approx. 134g



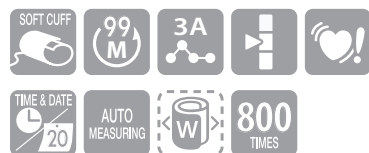
- Hypertension indicator
- Irregular heartbeat indicator
- 99 memory
- Average of last 3 readings
- Time and date
- Easy to read LCD display
- Automatic power off
- ESH validated

Optional parts
 ■ Wide range cuff (22.0 - 42.0 cm)

CHU305
 ■ Comes with Wide range cuff



Wide range cuff (SCW-009)



ESH



CH452 CH452AC

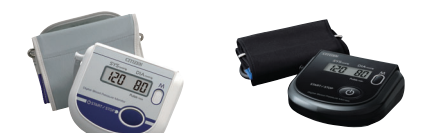
STYLISH BLACK

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. 300 times
 Alkaline battery : Approx. 1000 times
 Rated voltage DC6V --- 3W (--- : Direct Current)
 Outside dimensions W130×H53×D118 mm
 Weight Unit : Approx. 210g (without batteries)
 Cuff : Approx. 130g



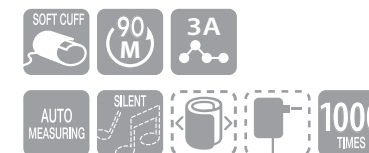
- 90 memory
- Average of last 3 readings
- Easy to read LCD display
- Automatic power off
- ESH validated

Optional parts
 ■ Large cuff
 ■ AC adapter (Only for CH452AC)



CH452 / CH452AC

CH452



Digital Blood Pressure Monitor

Wrist/ Full automatic Type

CE 2797

CH657

STYLISH BLACK



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 --- 3W (--- : Direct Current)
 Outside dimensions W69×H70×D15 mm
 Weight Approx. 86g (without batteries)

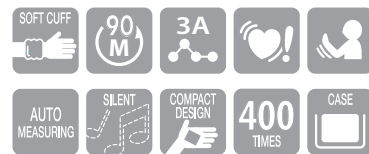
- Irregular heartbeat indicator
- Body movement indicator
- 90 memory
- Average of last 3 readings
- Easy to read LCD display
- Automatic power off
- Handy and slim design
- With compact storage case
- Simultaneous blood pressure and pulse reading



Handy and slim design



With compact storage case



CE 2797

CH650

STYLISH BLACK



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 --- 3W (--- : Direct Current)
 Outside dimensions W65×H74×D29 mm
 Weight Approx. 103g (without batteries)

- Irregular heartbeat indicator
- Body movement indicator
- 60 memory
- Average of last 3 readings
- Easy to read LCD display
- Automatic power off
- With compact storage case
- Simultaneous blood pressure and pulse reading



With storage case



BIHS

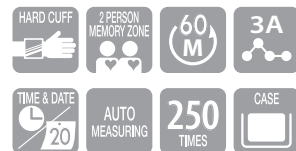
CH618

CE 0197



Measurement system Oscillometric method
 Measurement range Pressure : 0 - 300 mmHg
 Pulse : 40 - 280 pulse/min
 Accuracy Pressure : ±3 mmHg
 Pulse : ±5 %
 Power source AAA size×2
 Battery life Alkaline battery : Approx. 250 times
 Rated voltage DC3V --- 3W (--- : Direct Current)
 Outside dimensions W70×H72×D30 mm
 Weight Approx. 127g (without batteries)

- 2-person memory zone (60 memories each)
- Average of last 3 readings
- Time and date
- Automatic power off
- BIHS Validated
- With storage case
- Simultaneous blood pressure and pulse reading



BIHS

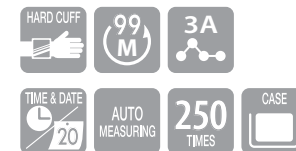
CH617

CE 0197



Measurement system Oscillometric method
 Measurement range Pressure : 0 - 300 mmHg
 Pulse : 40 - 280 pulse/min
 Accuracy Pressure : ±3 mmHg
 Pulse : ±5 %
 Power source AAA size×2
 Battery life Alkaline battery : Approx. 250 times
 Rated voltage DC3V --- 3W (--- : Direct Current)
 Outside dimensions W70×H72×D31 mm
 Weight Approx. 121g (without batteries)

- 99 memory
- Average of last 3 readings
- Time and date
- Automatic power off
- BIHS Validated
- With storage case
- Simultaneous blood pressure and pulse reading



Digital Blood Pressure Monitor

Upper arm / Full automatic



MODEL	CH456	CHU503	CHUG330	CHU306
Outside dimensions	105 × 166 × 122 mm	145 × 76 × 96 mm	110 × 47 × 104 mm	110 × 47 × 104 mm
Weight (without batteries)	Unit: Approx. 390 g Cuff: Approx. 130 g	Unit: Approx. 290 g Cuff: Approx. 130 g	Unit: Approx. 210g Cuff: Approx. 130g	Unit: Approx. 210g Cuff: Approx. 130g
Cuff	Soft cuff (22.0 - 32.0cm)	Soft cuff (22.0 - 32.0cm)	Soft cuff (22.0 - 32.0 cm)	Soft cuff (22.0 - 32.0 cm)
Memory	90 memory	90 memory	60 memory	90 memory
Average	Last 3 readings	Last 3 readings	Last 3 readings	Last 3 readings
Irregular heartbeat indicator	●	●	●	●
Body movement indicator	●	●	●	●
Hypertension indicator	●	●	●	—
Display simultaneously	●	●	●	●
Auto measuring	●	●	●	●
Auto power off	●	●	●	●
Time & Date	●	●	●	—
Battery life	500 times	500 times	300 times	300 times
Power source	AA size × 4	AA size × 4	AAA size × 4	AAA size × 4
Large cuff (Option)*	● (32.0 - 42.0cm)	● (32.0 - 42.0cm)	● (32.0 - 42.0cm)	● (32.0 - 42.0cm)
Wide range cuff (Option)*	—	—	—	—
AC/DC adapter (Option)	●	●	●	—
Silent	●	●	●	●
Page	P.6	P.6	P.7	P.7

※ : Large cuff and wide range cuff are available in gray only.



MODEL	CHUD514/517	CHU304/305	CH453/453AC	CH452/452AC
Outside dimensions	118 × 62 × 137 mm	138 × 48 × 98 mm	130 × 53 × 118 mm	130 × 53 × 118 mm
Weight (without batteries)	Unit: Approx. 305 g Cuff: Approx. 128 g Wide range cuff: Approx. 134 g	Unit: Approx. 209 g Cuff: Approx. 128 g Wide range cuff: Approx. 134 g	Unit: Approx. 240 g Cuff: Approx. 130 g	Unit: Approx. 240 g Cuff: Approx. 130 g
Cuff	CHUD514 : Soft cuff (22.0 - 30.0cm) CHUD517 : Wide range cuff (22.0 - 42.0cm)	CHU304 : Soft cuff (22.0 - 30.0cm) CHU305 : Wide range cuff (22.0 - 42.0cm)	Soft cuff (22.0 - 32.0cm)	Soft cuff (22.0 - 32.0cm)
Memory	99 memory	99 memory	90 memory	90 memory
Average	Last 3 readings	Last 3 readings	Last 3 readings	Last 3 readings
Irregular heartbeat indicator	●	●	●	—
Body movement indicator	—	—	●	—
Hypertension indicator	●	●	—	—
Display simultaneously	●	—	●	—
Auto measuring	●	●	●	●
Auto power off	●	●	●	●
Time & Date	●	●	—	—
Battery life	420 times	800 times	1,000 times	1,000 times
Power source	AA size × 4	AA size × 4	AA size × 4	AA size × 4
Large cuff (Option)*	—	—	● (32.0 - 42.0cm)	● (32.0 - 42.0cm)
Wide range cuff (Option)*	● CHUD514(22.0 - 42.0cm)	● CHU304(22.0 - 42.0cm)	—	—
AC/DC adapter (Option)	●	—	CH453AC only	CH452AC only
Silent	●	●	●	●
Page	P.8	P.8	P.9	P.9

Wrist / Full automatic



MODEL	CH657	CH650
Outside dimensions	69 × 70 × 15 mm	65 × 74 × 29 mm
Weight (without batteries)	Approx. 86 g	Approx. 103 g
Cuff (13.5 - 21.5cm)	Soft cuff	Hard cuff
Memory	90 memory	60 memory
Average	Last 3 readings	Last 3 readings
Irregular heartbeat indicator	●	●
Body movement indicator	●	●
Display simultaneously	●	●
Auto measuring	●	●
Auto power off	●	●
Time & Date	—	—
Battery life	400 times	400 times
Power source	AAA size × 2	AAA size × 2
Case	●	●
Page	P.10	P.11



MODEL	CH618	CH617
Outside dimensions	70 × 72 × 30 mm	70 × 72 × 31 mm
Weight (without batteries)	Approx. 127 g	Approx. 121 g
Cuff (13.5 - 19.5cm)	Hard cuff	Hard cuff
Memory	2 × 60 memory	99 memory
Average	Last 3 readings	Last 3 readings
Irregular heartbeat indicator	—	—
Body movement indicator	—	—
Display simultaneously	●	●
Auto measuring	●	●
Auto power off	●	●
Time & Date	●	●
Battery life	250 times	250 times
Power source	AAA size × 2	AAA size × 2
Case	●	●
Page	P.10	P.11

Digital Thermometer

Forehead / Ear type



Digital Thermometer CTD711

CELSIUS(°C) • FAHRENHEIT(°F)

Temperature detection method Infrared
 Measurement mode Forehead, Ear, Object surface, Room temperature
 Measurement range Forehead, Ear : 34.0°C-42.2°C (93.2°F-108°F)
 Object surface : -22°C-80°C (-7.6°F-176°F)
 Room temperature : 10°C-40°C (50°F-104°F)
 Accuracy Forehead, Ear
 ±0.2°C(0.4°F) : 35.0°C-42.0°C (95°F-107.6°F)
 ±0.3°C(0.5°F) : Other than above range
 Object surface
 ±0.3°C(0.5°F) : 22.0°C-42.2°C (71.6°F-108°F)
 ±4% or ±2°C(4°F) : Other than above range
 Room temperature
 ±1°C (2°F)
 Battery DC3V (Lithium Battery : CR2032×1)
 Battery life Approx. 2,800times
 Outside dimensions Approx. W45×H106×D61.2 mm
 Weight Approx. 63g (including battery)



- Approx. 1 second measurement
- 4 measurement mode
- No probe cover needed
- With back light function
- Fever alert
- 9 sets memory
- Automatic power off
- Remaining battery level
- Selectable °C/°F



With back light

User Friendly design for proper measurement

Design Concept

This device is designed to be held with ease. The scan button is on the top of the device so that it is easy to control the angle while taking measurements.



4 measurement mode



Notify measurement mode by flashing icon

- Ear mode
Measurement time: Approx. 1 second
Measurement range: +34°C~+42.2°C
- Forehead mode
Measurement time: Approx. 1 second
Measurement range: +34°C~+42.2°C
- Surface mode
Measurement time: Approx. 1 second
Measurement range: -22°C~+80°C
- Temperature mode
Measurement range: +10°C~+40°C



Performing proper measurements

For accurate measurements, it is important to straighten the ear canal and direct the tip of the probe straight toward the eardrum.



Digital Thermometer CTD710 CTD710-LA

CELSIUS(°C) • FAHRENHEIT(°F)

CELSIUS(°C)

Temperature detection method Infrared
 Measurement mode Forehead, Ear, Object surface, Room temperature
 Measurement range Forehead, Ear : 34.0°C-42.2°C (93.2°F-108°F)
 Object surface : -22°C-80°C (-7.6°F-176°F)
 Room temperature : 10°C-40°C (50°F-104°F)
 Accuracy Forehead, Ear
 ±0.2°C(0.4°F) : 35.0°C-42.0°C (95°F-107.6°F)
 ±0.3°C(0.5°F) : Other than above range
 Object surface
 ±0.3°C(0.5°F) : 22.0°C-42.2°C (71.6°F-108°F)
 ±4% or ±2°C(4°F) : Other than above range
 Room temperature
 ±1°C (2°F)
 Battery DC3V (Lithium Battery : CR2032×1)
 Battery life Approx. 3,000times
 Outside dimensions Approx. W45×H106×D61.2 mm
 Weight Approx. 63g (including battery)



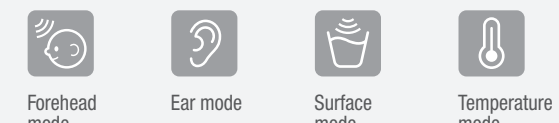
- Approx. 1 second measurement
- 4 measurement mode
- No probe cover needed
- Fever alert
- 9 sets memory
- Automatic power off
- Remaining battery level
- Selectable °C/°F (CTD710 only)

Function mark explanation (Thermometer)

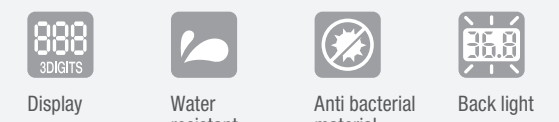
Celsius/Fahrenheit



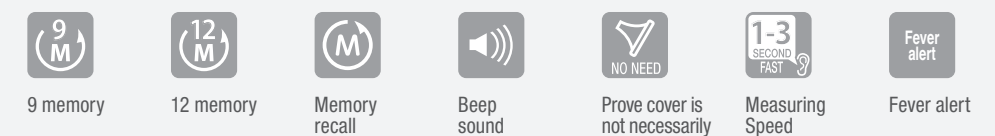
Measurement Method Measurement Point



Main Features and Specifications



Memory and Notification



Battery Life (Approximate Value)



Accessories



Digital Thermometer

Ear type



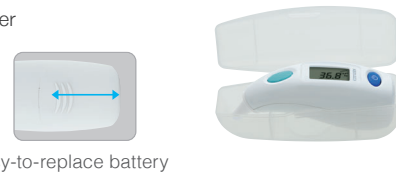
CE 0197

Digital Thermometer CTD505

CELSIUS(°C)

Measurement range 34.0 °C - 43.0 °C
 Accuracy Celsius: ±0.2 °C (35.5 - 42.0 °C)
 Other range: ±0.3 °C
 Display 3digit with decimal point, °C,
 Low Battery Symbol mark,
 Too High Ambient Temperature mark,
 Too Low Ambient Temperature mark,
 Ready to Use Symbol mark,
 Memory Mode Symbol mark.
 Battery DC3V (Lithium Battery : CR2032×1)
 Battery life 1,000 times
 Outside dimensions Approx. W39×L120×D52 mm
 Weight Approx. 68.6g (including battery)

- Fever alert
- Antibacterial Ear Thermometer
- No need to use probe cover
- 1 - 3 second measurement
- 12 memory
- Celsius only
- Auto power off



Easy-to-replace battery

Fever alert

Lower than 37.5 °C :
 LED turns Green



37.5 °C or higher :
 LED turns Red



CE 0197

Digital Thermometer CTD504

CELSIUS(°C) • FAHRENHEIT(°F)

Measurement range 34.0 °C - 43.0 °C (93.2 °F - 109.4 °F)
 Accuracy Celsius: ±0.2 °C (35.5 - 42.0 °C)
 Fahrenheit: ±0.4 °F (95.9 - 107.6 °F)
 Other range: ±0.3 °C (±0.5 °F)
 Display 3digit with decimal point, °C, °F,
 Low Battery Symbol mark,
 Too High Ambient Temperature mark,
 Too Low Ambient Temperature mark,
 Ready to Use Symbol mark,
 Memory Mode Symbol mark.
 Battery DC3V (Lithium Battery : CR2032×1)
 Battery life 1,500 times
 Outside dimensions Approx. W39×L120×D52 mm
 Weight Approx. 68.6g (including battery)

- Fever alert (beep only)
- Antibacterial Ear Thermometer
- No need to use probe cover
- 1 - 3 second measurement
- 12 memory
- Selectable °C/°F
- Auto power off



Basics of Ear Thermometers

How the ear thermometer works

Every object radiates heat. The CTD504 and CTD505 have an infrared sensor built into the probe. It detects heat radiated from the eardrum and its surroundings to measure body temperature.

Performing proper measurements

For accurate measurements, it is important to straighten the ear canal and direct the tip of the probe straight toward the eardrum.



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

Stick type



CE 0197

Digital Thermometer CTA301

CELSIUS(°C) • FAHRENHEIT(°F)

Measurement method Temperature peak hold thermometer
 Measurement range 32.0 °C - 42.9 °C (90.0 °F - 109.9 °F)
 Accuracy Celsius : ±0.1 °C (35.5 - 42.0 °C)
 Fahrenheit : ±0.2 °F (95.9 - 107.6 °F)
 Display 3 digits with decimal point, °C, °F,
 battery weak mark and memory mark
 Battery DC1.5V (Micro Alkaline Battery : LR41×1)
 Battery life Approx. 2 years (If used 10 minutes a day)
 Outside dimensions Approx. W19×L126.7×D11.2 mm
 Weight Approx. 9.7g (including battery)

- Selectable °C/°F
- General purpose use
- Auto memory recall of last reading
- Beep sound
- 3 digits display
- Auto power off



CE 0197

Digital Thermometer CTA302

CELSIUS(°C) • FAHRENHEIT(°F)

Measurement method Temperature peak hold thermometer
 Measurement range 32.0 °C - 42.9 °C (90.0 °F - 109.9 °F)
 Accuracy Celsius : ±0.1 °C (35.5 - 42.0 °C)
 Fahrenheit : ±0.2 °F (95.9 - 107.6 °F)
 Display 3 digits with decimal point, °C, °F,
 battery weak mark and memory mark
 Battery DC1.5V (Micro Alkaline Battery : LR41×1)
 Battery life Approx. 2 years (If used 10 minutes a day)
 Outside dimensions Approx. W19×L126.7×D11.2 mm
 Weight Approx. 9.7g (including battery)

- Selectable °C/°F
- General purpose use
- Water resistant & fully washable
- Auto memory recall of last reading
- Beep sound
- 3 digits display
- Auto power off



CE 0197

Digital Thermometer CTA303

CELSIUS(°C) • FAHRENHEIT(°F)

Measurement method Temperature peak hold thermometer
 Measurement range 32.0 °C - 42.9 °C (90.0 °F - 109.9 °F)
 Accuracy Celsius : ±0.1 °C (35.5 - 42.0 °C)
 Fahrenheit : ±0.2 °F (95.9 - 107.6 °F)
 Display 3 digits with decimal point, °C, °F,
 battery weak mark and memory mark
 Battery DC1.5V (Micro Alkaline Battery : LR41×1)
 Battery life Approx. 2 years (If used 10 minutes a day)
 Outside dimensions Approx. W19×L126.7×D11.2 mm
 Weight Approx. 10.2g (including battery)

- Selectable °C/°F
- General purpose use
- Water resistant & fully washable
- Auto memory recall of last reading
- Beep sound
- 3 digits display
- Auto power off
- Antibacterial Thermometer



Digital Thermometer

Digital Thermometer (Stick Type)



MODEL	CTA301	CTA302	CTA303
Unit Size	19 × 126.7 × 11.2 mm	19 × 126.7 × 11.2 mm	19 × 126.7 × 11.2 mm
Weight (including battery)	Approx. 9.7g	Approx. 9.7g	Approx. 9.7g
Display	3 digits	3 digits	3 digits
Anti bacterial	—	—	●
Water resistant	—	●	●
Buzzer	●	●	●
Auto power off	●	●	●
Memory	Memory recall	Memory recall	Memory recall
Battery life	2 years	2 years	2 years
Power source	LR41 × 1	LR41 × 1	LR41 × 1

Digital Thermometer Forehead / Ear, Ear Type)



MODEL	CTD711	CTD710	CTD710-LA	CTD505	CTD504
Unit Size	45 × 106 × 61.2 mm	45 × 106 × 61.2 mm	45 × 106 × 61.2 mm	39 × 120 × 52 mm	39 × 120 × 52 mm
Weight (including battery)	Approx. 63g	Approx. 63g	Approx. 63g	Approx. 68.6g	Approx. 68.6g
Display	3 digits	3 digits	3 digits	3 digits	3 digits
Measurement mode	4	4	4	1	1
Ear	●	●	●	●	●
Forehead	●	●	●	—	—
Objective surface	●	●	●	—	—
Room temperature	●	●	●	—	—
Measurement unit	Celsius / Fahrenheit	Celsius / Fahrenheit	Celsius only	Celsius only	Celsius / Fahrenheit
Anti bacterial	—	—	—	●	●
Water resistant	●	●	●	IP21	IP21
Buzzer	●	●	●	●	●
Auto power off	●	●	●	●	●
Memory	9 memory	9 memory	9 memory	12 memory	12 memory
Battery life	2,800 times	3,000 times	3,000 times	1,000 times	1,500 times
Power source	CR2032 × 1	CR2032 × 1	CR2032 × 1	CR2032 × 1	CR2032 × 1
Carrying case	● (Probe cover)	● (Probe cover)	● (Probe cover)	●	●

Digital Body Scale



HMS324

Measurement range	KG:5 - 150kg / LB:11lb - 330lb / ST:11lb - 23st 8lb
Accuracy	±(1%+1D)D=100g (5kg - 150kg)
Battery	DC3V battery(CR2032)
Battery life	335days
Outside dimensions	280 × 270 × 22 mm
Weight	1.05kg

- Quick and easy measurement
- Slim design with high-hardness glass
- Long battery life
- Comparable with previous measurement result
- Unit of weight selection



Function mark explanation (Digital Body Scale)

Main Features and Specifications



Auto power off



Selectable KG / LB / ST



Slim and hard glass

Memory Function



Comparable with Previous measurement result

Battery Life

(Approximate Value)



Battery life

Digital Body Scale



MODEL	HMS324-CN-WH	HMS324-CN-BK
Dimensions	280 × 270 × 22 mm	
Weight (including battery)	Approx. 1.05 kg	
Power source	DC 3V battery (CR2032)	
Battery Life	Approx. 1000 times	
Weight of unit (selectable)	KG (Kilogram) LB (Pound), ST (stone)	
Weight range	KG : 5 - 150 kg / LB : 11 lb - 330 lb / ST : 11 lb - 23st 8lb	
Minimum display unit	KG : 0.1 kg / LB : 0.2 lb / ST : 0.2lb	
Accuracy	± (1%+1D)D = 100g (5kg - 150kg)	
Operating temperature and humidity	5 °C - 35 °C / 30%RH - 85%RH	
Storage temperature and humidity	-20 °C - 60 °C / 10%RH - 95%RH	
Glass thickness	5 mm	
Auto power off	●	
Accessories	Instruction manual, a battery (CR2032) for monitor	

Nebulizer

Compressor Type



GC806

Operating Frequency	20 min on / 40 min off
Nebulization rate	0.35 ml/m
Particle size (MMAD)	3.07 μm
Medication cup capacity	8 ml
Service life	1,000 hours
Auto shut-off timer	20 min
Noise level	52 dBA
Dimensions	130×130×117 mm
Weight	Approx. 1.5Kg



- Compressor nebulizer
- Easy to use
- Compact structure
- Plug shape is depends on selling countries
- Noise level 52dBA (average)
- All in one package



MODEL	GC806-EU	GC806-MX	GC806-SA	GC806-ME
Rating	230V 50Hz	120V 60Hz	230V 50Hz	220V 60Hz
Plug	Type C	Type A	Type BF	Type BF
Nebulization Rate	0.35 ml/m			
Particle size (MMAD)	3.07 μm			
Max Pressure	2.2 Bar			
Flow	5.31 l/min			
Max. Filling	8 ml			
Min. Filling	2 ml			
Aerosol output	0.11 ml			
Aerosol output rate	0.07 ml/m			
Noise Level	52 dBA (average)			

Nebulizer Accessory kit. AT-GC202

Accessory kits including

1. Nebulizer
2. Mouthpiece
3. Air tube
4. Adult mask
5. Pediatric mask
6. Spare air filters (5pcs)
7. Nosepiece
8. Accessories case



Model Index

Digital Blood Pressure Monitor/Option

Model No.	Gift Box Size			Weight (g)	Master Carton			Jan Code	Page
	Dimension(L×W×Hmm)				Packed Q'TY	M3	Kg		
CH456	130	112	185	788	20	0.073	17.0	4580193650900	6
CHU503	110	165	120	687	20	0.060	14.9	4580193651334	6
CHUG330	80	120	167	483	20	0.042	10.5	4580193651631	7
CHUG306	80	120	167	473	20	0.042	10.4	4580193651648	7
CHUD514	125	110	162	605	10	0.0334	6.7	4580193651495	8
CHUD517	125	110	162	615	10	0.0334	6.8	4580193651501	8
CH453/CH453AC	165	130	90	607	20	0.050	13.7	4580193650634	9
CH453 STYLISH BLACK	165	130	90	607	10	0.027	7.1	4580193651297	9
CH452/CH452AC	165	130	90	601	20	0.050	13.0	4580193650603	9
CH452 STYLISH BLACK	165	130	90	601	10	0.027	7.1	4580193651280	9
CHU304	180	120	90	665	20	0.054	14.1	4580193651433	8
CHU305	180	120	90	675	20	0.054	14.3	4580193651440	8
CH657 STYLISH BLACK	94	54	133	276	20	0.020	6.4	4580193651310	10
CH657	94	54	133	276	40	0.038	12.0	4580193650627	10
CH650 STYLISH BLACK	98	91	135	302	20	0.035	8.0	4580193651303	11
CH650	98	91	135	302	40	0.063	13.2	4580193650702	11
CH618	104	90	110	312	20	0.030	6.9	4580193650887	10
CH617	104	90	110	305	20	0.030	6.7	4580193650870	11
AC230CZ	88	80	35	75	50	0.020	4.1	4580193651525	-

Digital Thermometer

Model No.	Gift Box Size			Weight (g)	Master Carton			Jan Code	Page
	Dimension(L×W×Hmm)				Packed Q'TY	M3	Kg		
CTA301	40	170	20	24	200	0.049	6.6	4580193651259	17
CTA302	40	170	20	24	200	0.049	6.6	4580193651266	17
CTA303	40	170	20	25	200	0.049	6.7	4580193651273	17
CTD504	88	62	158	228	40	0.044	9.8	4580193651242	16
CTD505	88	62	158	228	40	0.044	9.8	4580193651396	16
CTD710	73	93	132	164	40	0.047	7.5	4580193651549	14
CTD710-LA	73	93	132	150	40	0.047	6.8	4580193651679	14
CTD711	73	93	132	164	40	0.047	7.5	4580193651532	14

Digital Body Scale

Model No.	Gift Box Size			Weight (g)	Master Carton			Jan Code	Page
	Dimension(L×W×Hmm)				Packed Q'TY	M3	Kg		
HMS324-CN-WH	280	270	22	1050	6	0.023	8	4580193651693	19
HMS324-CN-BK	280	270	22	1050	6	0.023	8	4580193651709	19

Nebulizer

Model No.	Gift Box Size			Weight (g)	Master Carton			Jan Code	Page
	Dimension(L×W×Hmm)				Packed Q'TY	M3	Kg		
GC806-EU	130	130	117	1500	4	0.020	7	4580193651556	20
GC806-ME	130	130	117	1500	4	0.020	7	4580193651563	20
GC806-MX	130	130	117	1500	4	0.020	7	4580193651587	20
GC806-SA	130	130	117	1500	4	0.020	7	4580193651570	20