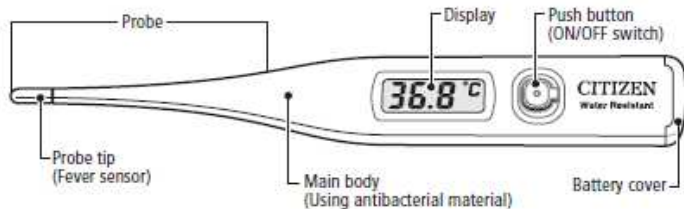


# INSTRUCTION MANUAL for DIGITAL THERMOMETER REF: CT422 (WITH BUZZER & WATERRESISTANT)

PLEASE READ THIS MANUAL IN ANY CASE BEFORE USING.

## PARTS NAMES



## PRECAUTIONS

- Do not use this thermometer for measurements other than body temperature. The thermometer will be damaged if it is used to measure the temperature of bath, refrigerators etc.
- Do not drop the thermometer and do not expose the thermometer to heavy shock. As the thermometer is not shock-protected construction.
- Do not bend the thermometer.
- Do not bite the probe.
- Do not disassemble the unit, do not make any modifications and do not touch the circuitry.
- Do not spill chemical solvents on the unit.
- Do not store the unit in direct sunlight, not at high temperature and not at a high degree of humidity or dust.
- Do not boil the probe.
- Do not use the thermometer if it operates irregularly or shows signs of malfunction.
- Do not use thinner or benzene.
- When using the thermometer after storage at low temperature, place it in a warm place for 5 to 10 minutes before use.
- Keep the thermometer out of reach of children.
- Wipe the thermometer clean before storing.
- In order to measure the temperature more appropriately, hospitals recommend to require times, in case of the mouth (oral) measurement for over 5 minutes and in case of the underarm (axillary) measurement for over 10 minutes.
- When discarding the thermometer or battery, please observe any local waste disposal regulations currently in force in your area.

## IMPORTANT DATA

<b>Measurement method:</b>	Temperature peak hold thermometer
<b>Measurement range:</b>	32°C~42.9°C
<b>Accuracy:</b>	±0.1°C between 35.5°C and 42°C at an ambient temperature of 18°C to 28°C
<b>Display:</b>	3 digits with decimal point, M (Memory mark), °C (°C indicator),  (Battery symbol)
<b>Rated voltage:</b>	DC 1.5V  (Direct current)
<b>Battery life:</b>	Approx. 3 years (If used 1 time a day, for 10 min. each time)
<b>Weight:</b>	Approx. 10g (Include battery)
<b>Operating environment:</b>	Temperature 10 to 40°C, Relative humidity 30 to 85%
<b>Storage/transport environment:</b>	Temperature -20°C to 60°C, Relative humidity 95% or less
<b>Electrical shock protection:</b>	Internal power unit
<b>Safety classification</b>	Type B equipment.
<b>Reference European standard:</b>	This products complies with EC instructions 93/42/EEC (Medical Device Directive) and with the following standard EN12470-3.

**Attention, consult accompanying documents.**

## HOW TO OPERATE

- Press the ON/OFF switch to activate the thermometer and will show on the LCD display window to insure all parts of the display are functioning properly. By holding down the ON/OFF switch, the display will show the last temperature (Memory: ) until the switch is released.
- When release the ON/OFF switch, will show on the display and then the with flashing °C indicates thermometer being ready to take a temperature. The temperature reading should take about ninety seconds.
- When the peak temperature has been reached, °C will stop flashing and beeper will sound for four seconds.
- To turn the unit off, press the ON/OFF switch. If the thermometer is inadvertently left on after use, it will automatically shut-off in 16 minutes.

## Remarks:

- If the ambient temperature is higher than 32.0°C, the display will not show after showing .
- If the temperature goes lower than 32.0°C, the display will only show , but if the temperature goes higher than 42.9°C, it will show only.
- Temperature should only be taken under the supervision of an adult and it is not suggested to take a rectal temperature with your thermometer.

5. Now carry out the measurement.

### A. Measurement in the mouth (oral):

Put the probe tip under the rear part of the tongue and close the mouth tightly to insure accurate readings. Normal oral temperature is 37.0°C.

### B: Underarm measurement (axillary):

The probe tip should be placed under the armpit and hold the temperature parallel to the body and put the arm on the chest so the probe tip is well covered by the arm. NOTE: axillary temperature is usually 0.5°C lower than oral reading.

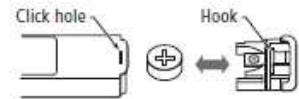
**Remarks: When taking your temperature, please use the thermometer in the same position to measure in the same time period.**

## BATTERY

When the battery is weak and show the symbol, change the battery to insure precise temperature readings.

## BATTERY REPLACEMENT

- Push the hook placed in the click hole (which is located back side of the thermometer) with a minus screw driver and slide the battery cover off.
- Remove the exhausted battery and insert a new battery the same way.
- Make sure that the plus side shows when the battery is in place. Replace the battery cover as the same direction before the replacement of battery.



### Caution:

Swallowing the battery may be fatal. If the battery has been swallowed, contact a hospital immediately and have it removed. Do not throw the battery into a fire. It may explode. Do not recharge the battery, do not disassemble or short-circuit it.

## CLEANING

Clean the housing of the thermometer with ethyl alcohol or a neutral detergent, using a cloth. (Don't use thinner or benzene.)

## CALIBRATION CHECK

We recommend a calibration check for instruments used professionally, e.g. at clinics according to any national statutory regulations, if any.

## OTHER INFORMATION

### Manufacturer

Name: **CITIZEN SYSTEMS (H.K.) LIMITED**  
Address: Flat A-B, 4th floor, Hung Mou Industrial Building, 62 Hung To Road, Kwun Tong, Kowloon, Hong Kong

### European Representative

Name: WvW elektronische Geräte Vertrieb GmbH.  
Address: Fintelmanstraße 20/Eingang, Martin-Heydert-Straße, D-14109 Berlin, Germany

### WEEE

If you want to dispose this product, do not mix with general household waste. There is a separate collection systems for used electronics products in accordance with legislation under the WEEE Directive (Directive 2002/96/EC) and is effective only within European Union.

- CITIZEN is a registered trademark of Citizen Holdings Co., Japan. CITIZEN es una marca registrada de Citizen Holdings Co., Japon.
- Design and specification are subject to change without notice.

### CITIZEN SYSTEMS JAPAN CO., LTD.

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