




MT511

### Fast, easy to use thermometer for your whole family.

The unique pen style thermometer gives fast, accurate readings for the whole family. This light-weight, powerful 3-in-1 thermometer measures a wide range of temperatures and has a memory of the last ten readings.

#### How to Use :


1. Make sure the optical glass in the probe tip is clean. Use a moistened cotton swab to clean the probe tip if needed.

2. Press the ON/OFF button to turn the thermometer on. The window will display all symbols  and a beep will be heard. This indicates that the unit is working and ready to take an ear temperature measurement.



3. To change the temperature scale from Fahrenheit to Celsius; Turn the thermometer on then press the ON/OFF and Measurement button at the same time.

4. You can measure temperature by three methods :


a. Ear

- i. When the symbol  appears, the thermometer is ready to measure the temperature through the ear.
- ii. Gently pull up and back on the ear with one hand. This straightens the ear canal and gives the thermometer a clear view of the eardrum.
- iii. Insert the probe tip into the ear for a snug fit with the other hand. Do not use excessive force.
- iv. Press the measurement button.
- v. Remove from ear when beep is heard.
- vi. Read measurement.

b. Skin

- i. Press the function button on the back of the unit. The symbol  appears in addition to . This indicates the thermometer is automatically adjusting the reading from the skin to reflect the body temperature.
- ii. Gently point and hold the probe tip against or within 1 cm of the exposed skin that you wish to measure; i.e., temple, hands, etc. (Different body parts will give you different reading. By reading with this method, the thermometer only indicates that part of the body being measured.)

- iii. Press the measurement button.
  - iv. Read measurement. Remember that the ambient temperature influences the skin temperature that you are measuring. Whenever the skin measurement indicates anything over 38°C/100.4°F, be sure verify to the measurement by using the ear measuring method.
- c. Room/Object

- i. When the symbol  appears, the thermometer is ready to measure the temperature of the room.
  - ii. Aim the thermometer probe to the open space of the room you wish to monitor.
  - iii. Press the measurement button.
  - iv. Read the measurement.
  - v. To measure the surface temperature of an object, gently point and hold the probe tip against or within 1 cm of the surface that you want to measure and repeat steps iii and iv.
5. Press and hold the ON/OFF button to turn the thermometer off.
  6. Thermometer will automatically turn off after one minute.


### Silent Fever Alarm

The silent fever alarm is automatically activated when a measured temperature is higher than 38°C/100.4°F. The LCD backlight will change from green (normal) to orange (high).

### How to Use the Memory Function :

1. Press the ON/OFF button to turn the thermometer on.
2. Press the ON/OFF button again to read the last temperature recorded. Press the ON/OFF button again to read the second to the last temperature recorded, and so on. The sequential number will display briefly before the temperature is displayed. (The last 10 measurements will be displayed in reverse order.)
3. Press and hold the ON/OFF button to turn the thermometer off.

### How to Change the Battery :

1. When the symbol  appears, it is time to change the battery.
2. Use a Phillips screwdriver to remove the back.
3. Remove old battery and dispose of properly.
4. Place new battery inside battery compartment. Be sure to place the (+) positive side up and the (-) negative side down.
5. Replace the battery cover and screw into place.
6. The thermometer does not need to be recalibrated after the battery has been changed.

### Warning/Caution :

- Ear canal should be dry.
- Earwax and other obstructions affect the accuracy of the thermometer.
- We recommend not using the ear method on any individual suffering from any ear disease, as it may affect accuracy.
- Only the probe tip is waterproof. Do not submerge in water.
- Clean the probe tip after each use with a moistened cotton swab. If using a swab moistened with rubbing alcohol, please wait 5 minutes before taking any temperature readings. Clean the body of the thermometer with a soft dry cloth.
- If taking multiple temperature readings, always use the same ear and record the highest reading. If the person was lying on their side prior to measuring their temperature, be sure to measure the ear that was facing up and not the ear that was facing down toward the mattress, couch, pillow, or other object.
- Always wait 1/2 hour after any physical activity; i.e., exercise, shower, etc. before measuring temperature.
- The thermometer will automatically turn off after one minute.
- Do not expose the thermometer to extreme heat or cold. Do not expose to direct sunlight. Store your Rumble Tuff®

3-in-1 Thermometer in the provided storage case in a cool, dry place away from children.

- Use only with adult supervision. Do not allow children to play with, bite or hit the thermometer, or remove the battery cover. Do not shock, vibrate, drop, or step on the thermometer.
- If the button battery is accidentally ingested, immediately consult a doctor. Swallowing a button battery may be fatal.
- Do not attempt to recharge the battery. Do not dispose of the battery in or near a fire as it may explode.
- Do not disassemble, repair, or remodel the thermometer.
- Remove battery if not in use for extended periods of time to prevent battery corrosion and/or damage to the thermometer. If operating during low battery, the thermometer may display "Err" message.

Replace the battery. If the display is blank, check to see if the battery has been loaded correctly.

Be sure to place the (+) positive side up and the (-) negative side down.

- This thermometer is for household use only. The use of this thermometer is not intended as a substitute for a physician's consultation.

### **Specifications :**

Battery: CR2032 Lithium Cell. Battery life has more than 5000 measurements, approximately 2 years.

Display unit: 4-digit LCD screen.

Accuracy:  $\pm 0.2^{\circ}\text{C}/0.4^{\circ}\text{F}$

Measuring Range: The 3-in-1 Thermometer has a measuring range of  $0.0^{\circ}\text{C}/32.0^{\circ}\text{F} \sim 50.0^{\circ}\text{C}/122.0^{\circ}\text{F}$ .

Operating ambient temperature range  $10.0^{\circ}\text{C}/50.0^{\circ}\text{F} \sim 40.0^{\circ}\text{C}/104.0^{\circ}\text{F}$ . Any temperature outside of range will indicate LO or HI. Operating ambient humidity range 0 ~ 95% RH. Any ambient temperature outside of range will indicate AL or AH.

Function button allows for ear and ambient temperatures or skin temperature.

Conforms to CE and ASTM standards.

Sensor type: Thermopile

### **Patents :**

US #5,578,058

Taiwan #130887

China #ZL 96 2 34254.8

Rumble Tuff® trademark owned by

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Made In China

75-MT51100-RB01