

OMRON

Gentle Temp

Instant Ear Thermometer

MC-510

NEW



Enhanced Sensor Technology
for accurate measurements
that meet ASTM* standard

New Features!

Backlit Screen & Memory

- **Fast One-second Mode**
- **Backlit Screen for Easy Viewing**
- **Memory - Records Last Measurement Reading**
- **Unique Directional Mode**
- **Beeper-guided Operation**
- **Probe Cover Indicator**
- **Automatic Power Off**
- **Compact & Lightweight**

*ASTM: American Society for Testing
Materials

A Good Sense of Health

Easy, Beeper - Guide Operation

Supplied with 10 pieces probe covers, long-life lithium battery and attractive storage case.



New enhanced sensor technology allows you to take temperature from the ear with confidence. You can choose one of two modes of measurement designed to make reading easy and reliable. Varying number of beeps also help to guide you in the simple operation.

Fast One-Second Mode

Recommended for self-measurement or when you are experienced in taking temperature from the ear

Step 1



Insert probe in ear towards the direction of the eardrum



Measurement begins automatically with a 'beep' sound

Step 2

Press Switch

in about
1 second



Temperature Display
Measurement is completed

For Backlighting

Press the switch again after measurement to illuminate the backlit screen for 2 seconds. You can easily read the results.

Specifications

Model	MC-510 NEW
Voltage	3 VDC (lithium battery CR2032)
Power Consumption	0.05 W
Battery life	Measurements of approx. 2000 times (when used consecutively under the environment of 23°C or 73.4°F)
Sensor	Thermopile
Temperature Indication	In 3 digits in + °C in the unit of 0.1°C (or in 4 digits in + °F in the unit of 0.1°F)
Measurement Range	34.0 to 42.2°C (93.2 to 108.0°F)
Weight	Approx. 50g (including the battery)
External Dimensions	Approx. 45 (W) x 94 (H) x 58 (D) mm
Operating Environment	Ambient temperature; 10 to 40°C (50 to 104°F) Relative humidity: 30 to 85%

Omron reserves the right to change specifications without prior notice. Model MC-510 has selectable °C / °F modes.

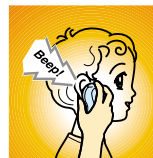
Also available: Model MC-510C (in °C only) for distribution in specific countries.

Distributed by:

Unique Directional Mode

Recommended for taking temperature of baby and toddlers or when you are not so familiar with taking temperature from the ear

Step 1



Insert probe in ear towards the direction of the eardrum



Measurement begins automatically with a 'beep' sound

Step 2



Slightly shift the unit right and left



Automatically detects the highest temperature of the eardrum in about
10 second

Step 3

Press Switch

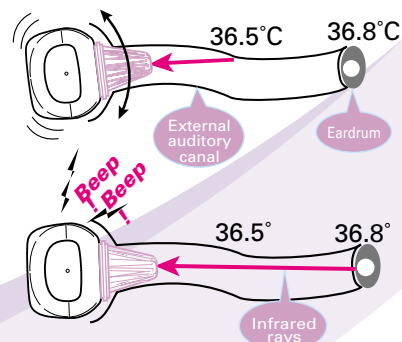
in about
1 second



Temperature Display
Measurement is completed

How does it work?

When the probe is inserted in the ear and shifted slightly to the left and right, the MC-510 automatically search for the correct direction towards the ear drum which emits infrared heat.



This enables better detection of the infrared heat from the naturally curved ear canal. This function is unique to the Omron MC-510.

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