Non-Contact Infrared Thermometer (NCIT100)

Quick Start Guide

At the start of every measuring session, keep the thermometer in the same ambient environment that the subject will be measured in for at least 30 minutes to stabilize the device before testing. Thermal shock can occur if the device or the subject have been in very different climates, which can provide inaccurate readings.

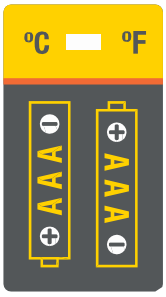
Multiple readings may be necessary to determine an accurate body temperature reference.

Open the battery door located in the handle.

The switch at the top of the compartment changes the units from Fahrenheit to Celsius.

Place provided batteries in the device according to the label shown to the right.

*Battery brand may vary



Battery Label

Between 0.4 and 1.1 inches from forehead

No Obstructions (hair pushed to the side)

Positioning: Center of forehead

Too far away

Hair obstructing forehead

Positioned Too low

The NCIT100 provides an oral equivalent temperature based on a forehead skin measurement. External sources acting on the skin, such as extreme ambient temperatures (hot or cold), hats, hair, sweat, or other obstructions can make the reading less accurate. Heavy physical activity can also increase body temperature and skew the reading. If any of these factors are present, remove them and let the subject stay in the application environment for 10 minutes to stabilize their skin temperature to get a more accurate oral equivalent temperature.

When being compared to an oral thermometer to test accuracy, food or drink (hot or cold) can affect the oral thermometer reading. Eating and drinking should be avoided for up to 30 minutes prior to using the oral thermometer for best results.

An example of thermal shock would be the device sitting in a climate-controlled room at 72 °F, and the subject coming in from either a hot (i.e. 100 °F) Summer day or a cold (i.e. 32 °F) Winter day. The subject would need to acclimate to the room's temperature for at least 10 minutes to ensure an accurate reading.

Elevated Temperature Alerts

98.9°F and Lower

1 Audible Beep

99.0°F to 100.3°F

2 Audible Beeps

100.4°F and Higher

3 Audible Beeps