

# Dikang Medical Infrared Thermometer Quick Start Guide

## Convert units from Celsius (C) to Fahrenheit (F)

The default setting for your non-contact thermometer is Celsius. To toggle to Fahrenheit please follow these steps.

- 1) With two AAA batteries properly installed, pull the purple trigger to turn on the non-contact thermometer.



- 2) Hold down the SET button until F-1 appears (about 2-3 seconds). F-1 will display briefly and will then change to a number.



- 3) Press the SET button again to toggle to the F-2, and then again to toggle to F-3.



- 4) Use the UP/DOWN buttons to toggle between C and F.



- 5) The thermometer will shut off after about 10 seconds of inactivity and your setting will be saved.

## Calibrate your non-contact thermometer before the first use

All non-contact IR thermometers should be calibrated before the first use in order to compensate for altitude, humidity, ambient temperature, and other environmental factors.

- 1) Use a clinical FDA or CE approved body thermometer to take the temperature of a reference person. This is your Reference Temperature.



- 2) Use the non-contact thermometer to take the temperature of the same reference person. Begin by pulling the purple trigger to turn the thermometer on.



- 3) Be sure your thermometer is set to the BODY mode. You can toggle between BODY and SURFACE by briefly pressing the SET button while the unit is on.
- 4) Hold the non-contact thermometer 1-2 inches from the forehead of the reference person and pull the purple trigger. Wait for the beep and then release the purple trigger.



- 5) Read the temperature displayed on the LCD screen and compare this temperature to the Reference Temperature.

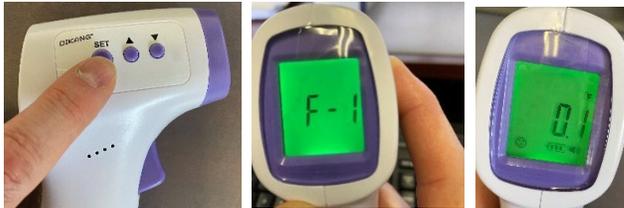


- 6) Subtract the non-contact thermometer temperature from the reference temperature. This temperature difference is your Adjustment Value.  
**Adjustment Value (temp difference) = 97.7 – 97.0 = .7**

- 7) Adjust the temperature read out on the non-contact thermometer up or down in order to match the Reference Temperature.
  - a) Pull the purple trigger to turn the unit on.



- b) Hold down the SET button until F-1 appears (about 2-3 seconds). F-1 will display briefly and will then change to a number.



- c) Use the UP/DOWN buttons to increase or decrease the value in .2 degree intervals to match your Adjustment Value from step 8 as closely as possible.



- d) The thermometer will shut off after about 10 seconds of inactivity and your setting will be saved.

- a) Retest the reference patient with the non-contact thermometer to confirm the temperature matches the Reference Temperature from step 1.



- b) Your non-contact thermometer is now calibrated and ready for use.

You can also reference this video of a similar model. Please note that for your device the calibration Adjustment Value is made in F-1 and the temperature units are toggled in F-3 (opposite of the video). <https://www.youtube.com/watch?v=056Jk6AffTY>