

# URCERI

## IR-817

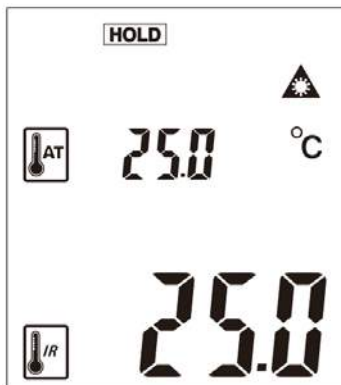
### Calibration Instruction

#### Preparations:

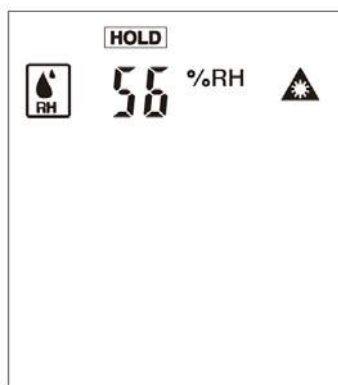
1. Ambient temperature:  $23^{\circ}\text{C} \pm 2^{\circ}\text{C}$ .
2. Place the meter in a constant temperature environment for at least 4 hours.
3. Set the standard temperature source to  $300.0^{\circ}\text{C}$ .
4. Calibrating distance fixed at 1 inch.

#### Calibration steps:

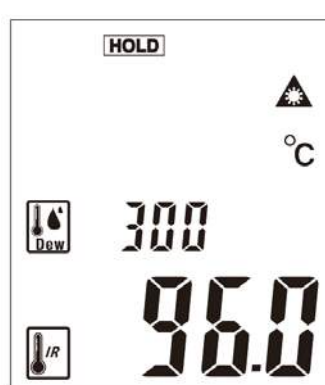
Long press MODE and the trigger button at the same time, and install the battery, the LCD display “----”, and then loose the buttons to enter into the calibration mode. See below:



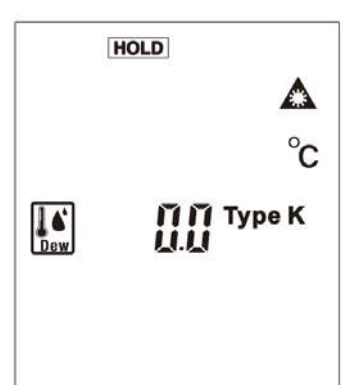
Ambient Temperature  
Calibration Mode



Ambient Humidity  
Calibration Mode



IR Temperature  
Calibration Mode



Type K Temp.  
Calibration Mode

#### Ambient Temperature Calibration Mode

The meter will display the current temperature, press the Flashlight button and the Laser button to increase or decrease value until the reading is same as the standard value, then press the MODE button to save the adjusted data. Press the MODE button again to enter into the Ambient Humidity calibration mode.

#### Ambient Humidity Calibration Mode

After entering into the Ambient Humidity calibration mode, press the Flashlight button and the Laser button to increase or decrease value until the reading is same as the standard value, then press the MODE button to save the adjusted data. Press the MODE button again to enter into the next step.

### **Calibration Temperature at 300°C**

Set the standard temperature source at 300 °C , aim IR sensor target at the standard temperature source center, press the trigger button and move the sensor to find the hottest temperature site, and then press the MODE button to save the adjusted data. Press the MODE button again to enter into Type K Temp. Calibration mode.

### **Type K Temp. Calibration Mode**

**Input 0mV** from the calibration device, then press the trigger button **one time**, and then press MODE button to save the data. **Input 4.095mV** the second time, then press the trigger button **one time**, and then press MODE button to save the data.

After finishing the calibration, remove the battery to exit the calibration mode.