

# RT8101 Solar Thermometer

## Instrument Operation

Position the thermometer in an area with sufficient light (250 lux) to measure ambient conditions. If lighting falls below the minimum level the battery light will flash on the display and the unit will turn off after a short period of time. Once ample lighting is again achieved the unit will power back on. Min/Max are only recorded while the RT8101 is on.

## To Select °C or °F

Press the °C/°F button on the front of the thermometer to select the desired temperature unit.

## Using Max/Min

Press the MAX/MIN memory button to read the last maximum temperature measured.

Press once more to read the last minimum temperature measured.

Press once more to return to normal display.

Press RESET button to erase the current MIN/MAX temperatures.

## Specifications

**Measuring Range—Internal Sensor:** 32°F to 122°F / 0°C to 50°C

**Display Resolution** 0.1°

**Accuracy** ±2°F / 1°C

**Temperature Scale** °F / °C Switchable

**Response Time** 10 second refresh rate

**Display Size** 1.9 (W) x 0.8 (H) inches

49 (W) x 21 (H) mms

**Power** Solar, requires min. 250 lux

**Dimensions** 2.5 (W) x 2.7 (H) x 0.5 (D) inches

64.3 (W) x 68.3 (H) x 12 (D) mm

**Weight** 1.4 oz / 39.7 g



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Made in China