

# RT610B-12 & RT610B-24 Waterproof Digital Thermometer

## Instrument Operation

Press the ON/OFF button to activate the thermometer. Insert the stainless steel probe into the object to be measured. The measured temperature will be shown on the LCD display.

Press and hold the ON/OFF button for at least two seconds to turn off.

## To Select °F or °C

Press and hold the °C/°F button for at least two seconds, then release. The display will change temperature units.

## To Display Maximum or Minimum Temperature

Press the MAX/MIN button once to display the most recent maximum temperature measured.

Press again to display the most recent minimum temperature measured.

Press again to return to normal display.

Turn the thermometer off to clear the MAX/MIN memory.

## To Hold Display at Current Temperature

Press the HOLD button momentarily and the display will hold the current reading. The degree symbol will flash while in HOLD mode.

Press the button again to release the hold.

## Battery Installation

Replace the battery if the LCD display becomes dim.

Loosen the two screws on the underside of the T-handle.

Replace with (1) LR44, 1.5 volt or equivalent.

Replace the battery cover and tighten the screws.

## Care and Cleaning

Clean the probe immediately with a probe wipe after each measurement to avoid cross contamination.

Do not expose the entire thermometer to temperatures over 122°F / 50°C.

Do not use inside ovens.

Not submersible.

## Features

- IP66/67 Waterproof Rating
- Heavy Duty SST Probe
- Large and Clear Display
- MAX/MIN Memory
- HOLD Feature
- °C/°F Switchable

## Specifications

**Measuring Range** -58 to 392°F (-50 to 200°C)  
**Accuracy** ±1.8°F (±1°C) over full range  
**Display Resolution** 0.1° between -19.9 to 199.9, otherwise 1°

**Display Reading Update Response Time** 1 second  
Approximately 15 to 20 seconds in liquid

**Battery** 1.5 volt, type LR44  
x 1 piece (included)

**Battery Life** About 5,000 hours

**Water Resistance** IP66/67

**Probe Size RT610B-12** 0.197 dia. x 12 L inches;  
0.137 inch dia. at tip  
(5 dia. x 305 L mm;  
3.5 mm dia. at tip)

**Probe Size RT610B-24** 0.236 dia. x 23.6 L inches;  
0.137 inch dia. at tip  
(6 dia. x 600 L mm;  
3.5 mm dia. at tip)

**Operating Range** 32 to 122°F (0 to 50°C)



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