

## SPECIFICATIONS

Range: -58 to 572 °F / -50 to 300 °C

Resolution: 0.1° (-19.9 to 199.9)  
1° (otherwise)

Accuracy: ±0.4° at tested points,  
±1°C otherwise

## ULTRA™ THERMOMETER ACCURACY

Ultra™ thermometers are tested at selected test points to be within tighter than normal tolerances to assist in providing improved accuracy. Other points will not necessarily fall within the same accuracy as those found at the selected test points, but will be within an accuracy of ±1°C.

## OPERATION

Remove the stainless steel probe from the protective sheath. Press the ON/OFF button to turn the unit on. Press the °F/°C button to switch between Fahrenheit and Celsius temperature. Insert the probe into the material to be measured and read the display.

To conserve battery life, always turn the unit off when it is not in use. To turn the unit off, press the ON/OFF button.

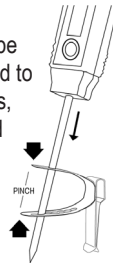
## MAX/MIN MEMORY

To view the minimum and maximum temperature reached since turning the unit on, press the MAX/MIN button. "MIN" appears on the display to indicate the minimum temperature recorded. Press the MAX/MIN button a second time within 3 seconds to view the maximum temperature. "MAX" appears on the display to indicate the maximum temperature recorded.

Three seconds after pressing the MAX/MIN button, the display automatically returns to the current temperature ("MIN" or "MAX" no longer appears on the display). Once the unit is turned off, the MIN and MAX temperatures are cleared.

## HOLDER

The metal holder allows the probe to be positioned at any height while attached to beakers, stainless steel cylinders, vats, etc.. Pinch the ends of the holder and place the stem of the thermometer into one of the 3 holes in the top portion of the holder and then through the bottom of the holder. The different holes allow the stem to be held at different angles. When the ends of the holder are released, the holder will expand to grab the stem of the thermometer securely. Use the clip to attach the holder to the side wall of a container. To remove the holder, pinch the ends of the holder and remove the stem of the thermometer.



### **ALL OPERATIONAL DIFFICULTIES**

If this thermometer does not function properly for any reason, replace the battery with a new high quality battery (see "Battery Replacement" section). Low battery power can occasionally cause any number of "apparent" operational difficulties. Replacing the battery with a new fresh battery will solve most difficulties.

### **BATTERY REPLACEMENT**

Erratic readings, faint readings, or no display are all indications that the battery must be replaced. Open the battery cover by turning it 1/4 of a turn in the direction of the OPEN arrow (counter-clockwise). (Be careful not to turn the

cover more than 1/4 of a turn as this may damage the battery cover.) Remove the exhausted battery and replace with a new battery. Equivalent battery replacements are: Ray-O-Vac RW42, Duracell D357, and Everready 357. Make certain the positive (+) side is facing out. Replace the battery cover by lining up the tabs and turning the cover approximately 1/4 of a turn clockwise until the cover locks into place. (Be careful not to turn the cover after it has locked into place as this may damage the battery cover.)


### **WARRANTY, SERVICE, OR RECALIBRATION**

For warranty, service, or recalibration, contact:

#### **CONTROL COMPANY**

12554 Old Galveston Rd. Suite B230  
Webster, Texas 77598 USA  
Ph. 281 482-1714 • Fax 281 482-9448  
E-mail [sales@control3.com](mailto:sales@control3.com)  
[www.traceable.com](http://www.traceable.com)

Control Company is ISO 9001:2008 Quality-Certified by DNV and ISO/IEC 17025:2005 accredited as a Calibration Laboratory by A2LA.

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