

## SPECIFICATIONS

Range: -99 to 199.9 °C

Resolution: 0.1°

Sensor: Pt 100 (Platinum)

Sampling Rate: 2 times/second

## OPERATION

1. Attach the temperature probe to the meter.

*(The probe and meter connectors are keyed, do not insert the connector incorrectly and force it.)*

2. Slide the ON/OFF switch to ON to turn the meter on.
3. Insert the probe into the material to be measured and read the display.

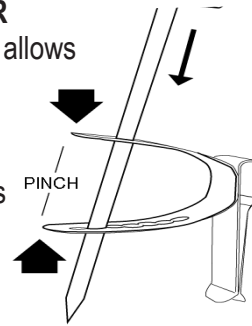
*Do not expose the display to temperatures below -10 °C or above 45 °C as this may damage the display.*

*The probe and cable may be exposed to temperatures as low as -100 °C; however, the probe cable may become brittle after prolonged exposure to temperatures below -50 °C. Bending a brittle cable may result in damage to the cable. When exposed to temperatures below -50 °C, wait for the cable to reach ambient temperature before bending.*

4. Slide the ON/OFF switch to OFF to turn the meter off. To conserve battery life, always turn the meter off when not in use.

## PROBE HOLDER

The probe holder allows the probe to be held in position while attached to beakers, stainless steel cylinders, vats, etc.. Pinch the ends of the holder and place the probe through the *outer hole* in the top portion of the holder and then through the *outer hole* on the bottom of the holder. When the ends of the holder are released, the holder will expand to grab the probe 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 probe.



## ALL OPERATIONAL DIFFICULTIES

If this thermometer does not function properly for any reason, replace the battery with a new high quality battery (see the “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, a faint display, no display or “LO BAT” appearing on the display are all indications that the battery must be replaced. Remove the battery cover by sliding it in the direction of the “open” arrows. Remove the exhausted battery and replace with a new 9 volt alkaline battery. Replace the battery cover.

## WARRANTY, SERVICE, OR RECALIBRATION

For warranty, service, or recalibration, contact:

### **CONTROL COMPANY**

12554 Old Galveston Rd. Suite B230

Webster, TX 77598

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

## ACCESSORIES

### **Cat. No. 4138**

### **Easy-Use Accessory Adaptor**

Allows the unit to be run off AC power for continuous use.

# **TRACEABLE® -100° C PLATINUM FREEZER THERMOMETER INSTRUCTIONS**

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