

# GENERAL INSTRUCTIONS FOR 8318 THERMOMETER

1. Clamp thermometer to 1/2" bar or can be put on table top.
2. Be sure AC power switch is in off position initially.
3. Plug 120v power cord into standard power AC source 120v, 50/60 Hz.
4. Plug thermocouple probe mini plug into rear mounted sensor socket, make sure thermocouple probe type matches thermometer sensor input. Rear socket is labeled type J or K.
5. If desired, use pin plugs supplied to hook up to a millivolt input recorder to plot temperature vs time. (1°C. at sensor produces 1.mv/C°. at the pin sockets) Make sure polarity on sockets match input to DC mv input recorder. Recorder should have at least a 500 mv DC span.
6. Flip main power switch up to on. Display resolution is 1.C°. (± 1° C. accuracy of reading.) Range: -20° to 390°C NOTE: You can go below or above this range but the accuracy diminishes although will be repeatable with out damage to meter.
7. If you have questions, phone the ACE Electronics Dept. at 1-800-223-4524