

Pyrometer Instructions

This pyrometer is a precision instrument. Each unit is individually calibrated to obtain 2% accuracy. With proper treatment it will provide you with accurate temperature readings for many years to come without any maintenance. Just follow these simple instructions and you will assure yourself of trouble free service for years to come.

Mounting the Meter

The meter should be mounted in a bracket or on a panel with the four studs mounted in each corner on the rear of the meter. Nuts and lock washers for these studs are contained in a plastic bag supplied with each unit. The meter may be mounted either in the vertical, horizontal or inclined position without affecting the reading.

It is important that the bracket be securely mounted to prevent it from falling or being jarred. Never hang the meter from wires or lay it down unsupported. It is rare that this pyrometer ever wears out. Almost all problems can be traced to misuse and physical abuse, so take care and avoid problems.

The universal mounting bracket shown in Fig. 2 can be used to mount the meter in any plane shown. All holes are punched and only require inserting the meter into the bracket. The bracket may be purchased from your dealer if necessary.

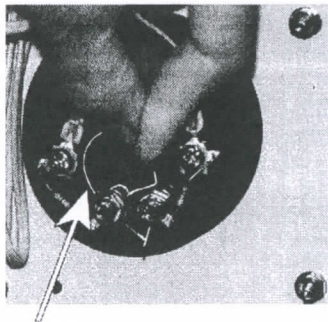


Fig. 1

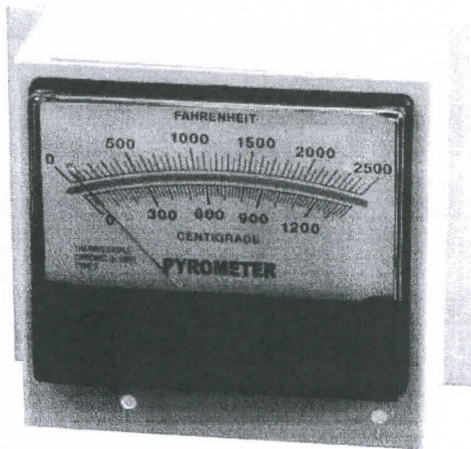


Fig. 2

Connecting the Thermocouple

REMOVE and DISCARD the clip shown in FIG 1.

It is for shipping and storage only and will prevent the pyrometer from correct function if it is left in place. Pinch together as shown for easy removal.

To connect the thermocouple, strip about one inch of the yellow outer insulation from each end of the extension wire. This will expose the red and yellow wires. Strip about 1/2 inch of insulation on both the red and yellow wires. Repeat the process on the other end of the thermocouple wire. Connect one end of the yellow wire to the large terminal marked + (positive) and the red wire to the large terminal marked - (negative). (Unlike most DC wiring applications red is **not** positive.) The thermocouple is connected by attaching the yellow wire to the yellow terminal and the red wire to the red terminal. (In the event your terminals are not marked, use a magnet to determine which leg of the thermocouple is magnetic. This will be the red or negative terminal)