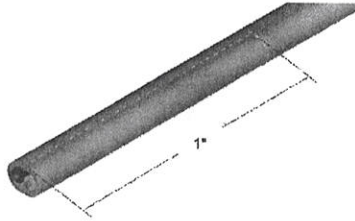


Important:

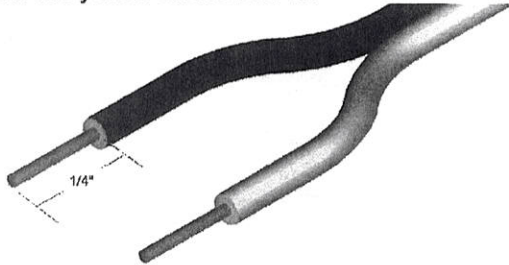
This analog pyrometer has been calibrated for the specific wire length and thermocouple included in this set. Shortening the wire or using a different wire/thermocouple combination will result in inaccurate reading of the pyrometer. Only use the included thermocouple and lead wire, even if installing this pyrometer in an older kiln.

Connecting the Lead Wire to the Thermocouple

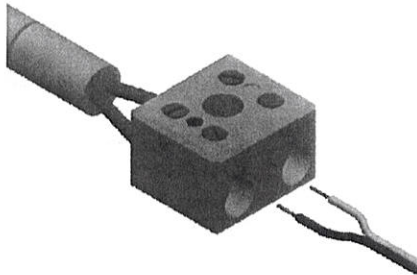
1. Remove 1 inch of outer insulation.



2. Strip 1/4 inch insulation from the yellow and red wires.



3. Insert the bare ends of wire into the thermocouple block; matching the red wire to the red dot and the yellow wire to the yellow dot.



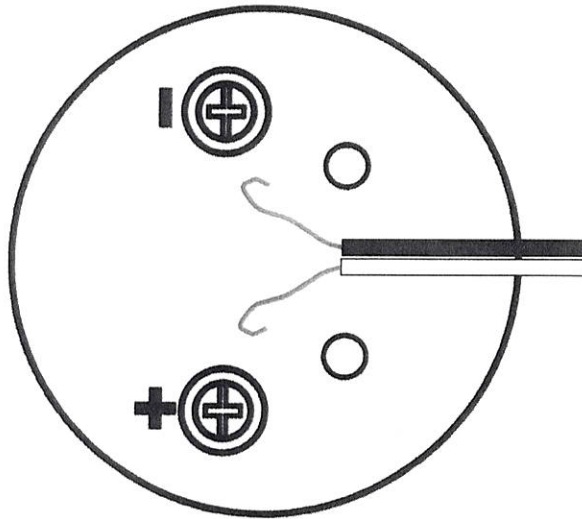
4. Tighten the screws snugly onto the wire. Do not over tighten.

Connecting the Thermocouple Wire to the Pyrometer

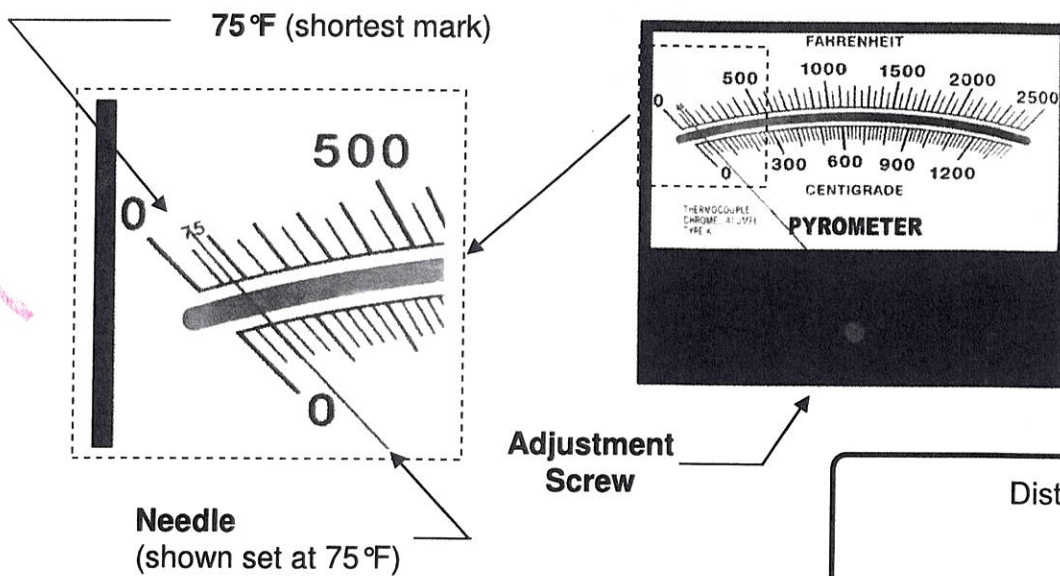
1. Remove 1-1/2 inch of outer insulation
2. Strip 1/4 inch of insulation from the yellow and red wire
3. Using needle-nose pliers, bend each wire clockwise so that it will go around the terminal screw on the pyrometer. (If you bend the wires counterclockwise, they will be less likely to make a secure connection since the screws turn clockwise to tighten.)



4. Place the bare, curved end of the yellow wire on the (positive +) terminal screw of the pyrometer. Repeat, placing the bare red wire on the (negative -) terminal screw of the pyrometer. If needed, use a small screwdriver to bend the wire more tightly around the screw. Holding the wire securely, tighten the screw snugly onto the wire. Do not over tighten. Note: The yellow wire is (positive +) The red wire is (negative -)



5. Prior to using, adjust the needle to read 75°F by turning the adjustment screw on the front of the meter.



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