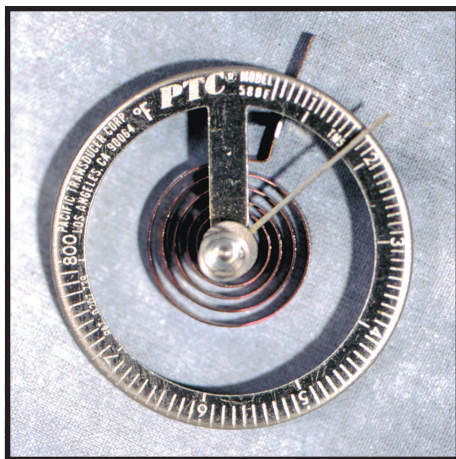




# I.R. Oven & Surface Thermometer



Made In U.S.A.



Model 580F  
I.R. Oven & Surface Thermometer

PTC's Model 580 I.R. Oven Thermometer is designed for accurately measuring both radiation and surface temperatures.

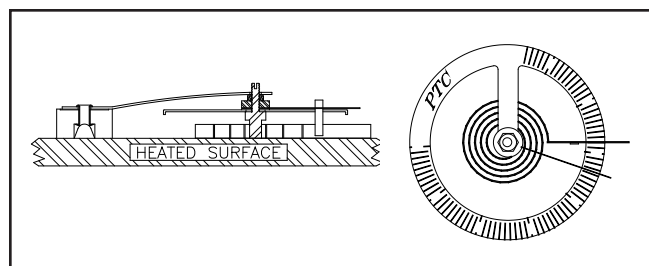
When used as a surface thermometer, this unit provides an excellent response time, because its sensor sits directly on the surface to be measured. The thermometer's open design also allows it to react quickly to radiated heat as well.

These thermometers come standard with a max hand, which will retain the highest temperature for a given cycle.

The Model 580 I.R. Oven Thermometer measures radiation temperatures from various heat sources. This thermometer is particularly useful in traveling belt type ovens. Radiation temperature from sources as: Calrods, wire and ribbon resistance heating elements, gas operated heat transfer panels, and incandescent lamps can also be measured.

A magnet and leaf spring assembly is available with the Models 580FM and 580CM or as a separate accessory (Part No. 310.7). The leaf spring holds the thermometer in place on nonhorizontal ferrous surfaces.

- **Accurately Measure I.R. or Surface Temperatures**
- **Range: 50°F to 800°F (10°C to 425°C)**
- **Max Reading Pointer Standard**
- **Accuracy  $\pm 3\%$  of Full Scale Range**
- **Can be certified traceable to NIST upon request for a nominal fee**



## SPECIFICATIONS

MODEL	RANGE	° DIV.
580F	50°F to 800°F	10°F
580FM	50°F to 800°F	10°F
580C	10°C to 425°C	5°C
580CM	10°C to 425°C	5°C

The Models 580FM & 580CM come complete with a magnet and leaf spring assembly (Part No. 310.7).

1. Accuracy..... $\pm 3\%$  of full scale range.
2. Dimensions:
  - Dial Diameter .....1-21/32 in. (4.2 cm).
  - Height.....9/16 in. (1.4 cm).
3. Weight.....1/5 oz. (6 g).
4. Shipping weight ..... 1 lb. (454 g).

