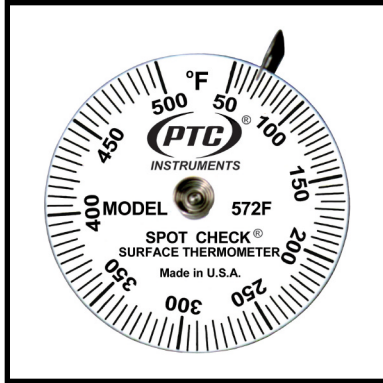




# Spot Check® Surface Thermometers

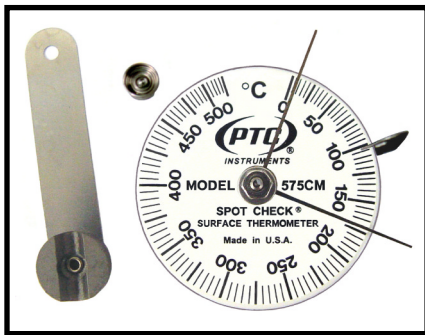


Made In U.S.A.



Model 572F shown above  
with Spring Lifter Knob attached

- **PTC® Quality -- Made in the U.S.A.**
- **Units Come to Temperature in Less Than One Minute**
- **Accuracy of  $\pm 2\%$  of Full Scale Range**
- **NIST Certification Available**
- **Every Unit Individually Calibrated**
- **Dual Max-Min Hands Optional**



Model 575CM comes with Max-Min  
Hands, Spring Lifter Knob, and  
Magnet & Leaf Spring

Two models are available with stainless steel dials that are designed for use in vacuum chambers. Models 575FMSS and 575CMSS feature dials with no paint or ceramics that could outgas. The dials are etched to provide the temperature markings. These thermometers are made with uncoated metals.

PTC®'s Spot Check® Series of thermometers feature outstanding response and sensitivity. Their extremely low thermal mass and weight (1/2 ounce), along with a unique design, assure intimate contact and a very rapid readout.

The instrument's bimetallic coil directly contacts the surface to be measured. In response to temperature, the sensor expands or contracts, causing the dial itself to rotate.

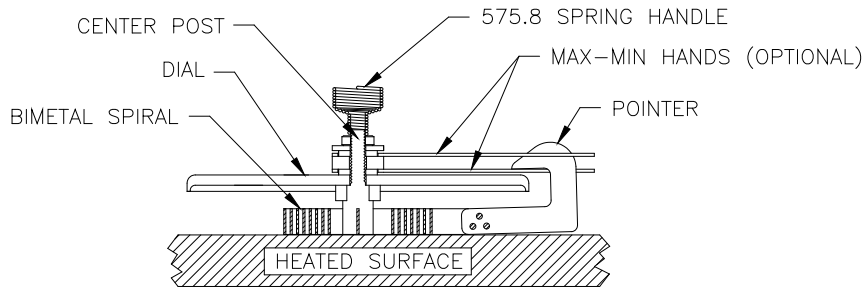
The basic thermometer is designed for horizontal or slightly curved surfaces. A magnet and leaf spring is available to hold the thermometer against nonhorizontal, ferrous surfaces. Ancillary (max-min) hands are furnished on certain models to mark the lowest and highest temperatures reached during the thermometer's exposure.

All Spot Check® thermometers come with a spring lifter knob to enable the user to safely remove the instrument from a heated surface. The knob is threaded and attaches to the center post of the thermometer.

TOLL FREE: 877-782-2329  
OUTSIDE U.S.: 310-478-1134  
LOS ANGELES, CA 90064-1482

WEB: [HTTP://WWW.PTC1.COM](http://www.ptc1.com)  
E-MAIL: [SALES@PTC1.COM](mailto:SALES@PTC1.COM)  
FAX: 310-312-0826





Spot Check® Surface Thermometer illustrated with Max-Min Hands

### SPECIFICATIONS AND APPLICATIONS

RANGE & ° DIVISIONS	MODEL	MODEL	MODEL
0°F to 270°F 2° Div	570F	570FM	577FM
50°F to 320°F 2° Div	571F	571FM	578FM
10°C to 160°C 1° Div	571C	571CM	571CMM
50°F to 500°F 5° Div	572F	572FM	574FM
10°C to 260°C 2° Div	572C	572CM	574CM
50°F to 1000°F 10° Div	573F	573FM	575FM
0°C to 525°C 5° Div	573C	573CM	575CM

BASIC THERMOMETER ONLY

THERMOMETER WITH MAGNET & LEAF SPRING

THERMOMETER WITH MAX-MIN HANDS AND MAGNET & LEAF SPRING

1. Accuracy ..... ±2% of full scale range.
2. Dimensions:
  - Diameter ..... 1-3/4 in. (4.4 cm).
  - Height ..... 1/2 in. (1.3 cm).
3. Weight ..... 1/2 oz. (14 g).
4. Shipping weight ..... 1 lb. (454 g).

Models 575FMSS & 575CMSS are available with stainless steel dials for use in vacuum chambers.

These instruments can be used to quickly check surface temperatures or can be permanently mounted. They can be used for such applications as hot plates, griddles, furnaces, annealing and curing ovens, weld preheats, motors, generators, engines, bearings, etc. Available in either Fahrenheit or Celsius models, they come in several temperature ranges, covering a total span of 0°F to 1000°F (0°C to 525°C).



TOLL FREE: 877-782-2329  
 OUTSIDE U.S.: 310-478-1134  
 LOS ANGELES, CA 90064-1482

WEB: [HTTP://WWW.PTC1.COM](http://www.ptc1.com)  
 E-MAIL: [SALES@PTC1.COM](mailto:SALES@PTC1.COM)  
 FAX: 310-312-0826