

Lab Thermometer General Purpose Stainless Steel Stem Thermometer
General Purpose, Lab, and OEM S.S. Stem Thermometers
Models 400- 0.70, 0.70SP, 0.71, 0.72, 0.72M, & 0.72MM

The PTC[®] Models 0.70 and 0.70SP Stainless Steel Stem Thermometers have a head diameter of 1-11/16"; the 0.71 is 1-5/32"; and Models 0.72, 0.72M, and 0.72MM have a 2-5/16" head diameter. Stem lengths range from 2-1/2" to 72". These thermometers have stem diameters of 1/4" (6 mm) and fit all standard makes of thermowells. Thermowells should be used whenever the stem would be exposed to pressure, corrosion, or mechanical forces. Standard mounting is 0.330" diameter plain bushing, optional 1/4" NPT or 1/2" NPT mounting are available.

These thermometers are available with optional silicone filling. Silicone-filled thermometers are offered for severe industrial applications, where vibration is a problem.

The instruments are individually calibrated and can be set exactly to any desired working temperature. Accuracy of these instruments is ±1% of full-scale range. Minimum immersion length is 2" in liquids and 4" in gases. Minimum immersion for 25°F to 125°F range is 3-1/2" in liquids and 5" in gases.



Stem lengths from 2-1/2" to 72"

Optional Features:

- Spiked Point
- Stem Lengths 2.5" to 60"
- Silicone Filling
- 1/4" or 1/2" npt
- Max Hand (Model 0.72)

1. Available temperature ranges & divisions

Range	Div.
*25°F to 125°F	1°
-40°F to +160°F	2°
0°F to 200°F	2°
50°F to 300°F	2°
50°F to 500°F	5°
200°F to 1000°F	10°
-10°C to +110°C	1°
0°C to 100°C	1°
0°C to 150°C	1°
0°C to 200°C	2°
0°C to 400°C	5°

2. Dual Scale Ranges Available.

Range F	Div.	Range C	Div.
-40°F to 160°F	2°	-40°C to 70°C	2°
0°F to 250°F	2°	-20° to 120°C	2°
50°F to 500°F	5°	10°C to 260°C	5°
200°F to 1000°F	10°	100°C to 500°C	5°

3. Accuracy 1% of Full Scale

4. Mounting Connections 1/8" npt, 1/4" npt, 3/8" npt, 1/2" npt & plain bushing.

5. Stem Lengths 2.5" 4" 6" 9" 12" 15" 18" 24" 30" 36"

6. Stem Diameter 1/4" (6mm)

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