

# 1" and 1<sup>3</sup>/<sub>8</sub>" Testing and Spot Checking Thermometers

A pocket sized thermometer used by inspectors, service and maintenance personnel, and technicians for general checking in food service, refrigeration, air conditioning, hot asphalt and food processing applications. Often modified for OEMs to use in limited space situations.



**AD-44R**  
(Standard,  
with 1<sup>3</sup>/<sub>8</sub>" dial)



**PT-50R**  
(Standard dial,  
with 1" dial)



**PT-50R**  
(Shown with  
pocket sheath)

## ► MODEL CODES:

<b>PT-50</b>	1" diameter head
<b>PT-50R</b>	1" diameter head with calibration feature
<b>AD-10R</b>	1" diameter head with calibration feature
<b>AD-44R</b>	1 <sup>3</sup> / <sub>8</sub> " diameter head with calibration feature

## ► SPECIFICATIONS:

Stem Length:	5" (127mm)
Stem Diameter:	.150"
Connection:	PT-50 model plain bushing is standard. PT-50R, AD10R and AD44R recal nut is standard.
External Reset:	PT50R, AD10R, AD44R and MT39R friction nut design for easy calibration.
Construction:	304 stainless steel external parts. Welded construction. Corrosion resistant to most chemicals.
Hermetic seal:	Per ASME B40.3 dustproof and leakproof.
Dial:	Anodized aluminum with large black numbers and graduations. Glow dial available on PT50R and AD44R.
Lens:	AD10R and AD44R models polycarbonate lens is standard. PT50 and PT50R models polycarbonate lens is standard up to 300°F (150°C) and glass lens over 300°F (150°C).
Bimetal Coil:	Helix coil is silicone coated on ranges below 500°F for vibration dampening and to maximize heat transfer and response time.
Accuracy:	±1% full span per ASME B40.3 Grade A.
Over Temperature Limits:	Up to 250°F 100%; 250°F to 550°F, 50%; 550°F to 1000°F, continuous use up to 800°F, intermittent use over 800°F.
Pocket sheath:	Standard on 5" PT50R, AD10R and AD44R.



MADE IN USA



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➤ **STANDARD RANGES:**

Fahrenheit	°/Division	Celsius	°/Division
* -40/160	2°	-40/70	1°
25/125	1°	-10/110	1°
* 0/220	2°	0/50	1/2°
* 50/500	5°	0/250	5°
150/750	10°		

(Additional Ranges Available— Consult factory)

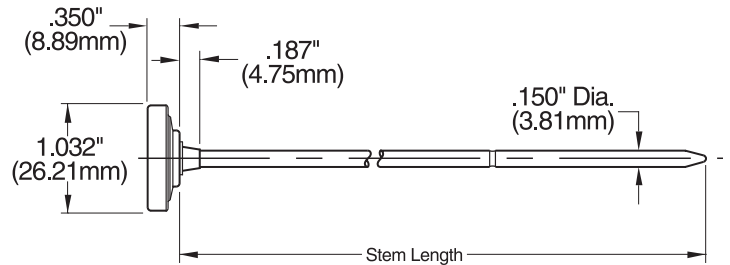
\* NSF® approved for food service applications on models PT-50R, AD-10R and AD-44R

➤ **OPTIONS:**

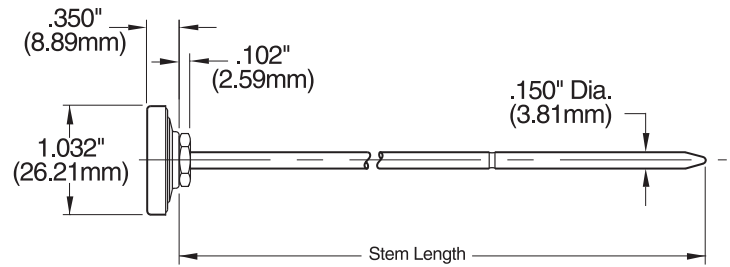
- .140" stem diameter.
- Threaded connections for OEM applications.
- Other configuration combinations available upon request.
- Glow dial available on PT50R and AD44R.

Estimated Shipping Weights	
MODEL	DRY
PT-50 and PT-50R . . . . .	1 oz.
AD-10R . . . . .	1 oz.
AD-44R . . . . .	2 oz.

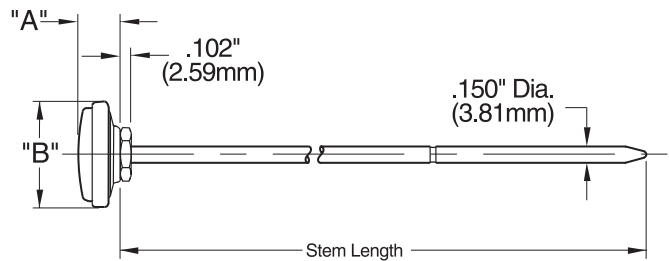
➤ **PT-50**



➤ **PT-50R**



➤ **AD-10R AND AD-44R**



MODEL	"A"	"B"
AD-10R	.400" (10.16mm)	1.004" (25.50mm)
AD-44R	.456" (11.58mm)	1.358" (34.50mm)

➤ **FOR HOW TO ORDER, SEE PAGE 6**

➤ **IMPORTANT NOTES:**

- 1) IMMERSION – For most accurate reading with Tel-Tru thermometers immerse past groove on lower portion of stem.
- 2) CAUTION – Do not subject polycarbonate lens to temperatures above 270°F (130°C).