



# PST-300

## Infrared Laser & Contact *Dual* Thermometer



The PST-300 is a Professional non-contact laser infrared thermometer and a contact thermometer in one unit incorporating features and performance professionals need in their work, yet it is compact and user friendly. Professionals use PST-300 thermometers in Industrial, Electrical and HVAC applications to safely check temperatures from a large distance.

*Just Point and Shoot*

Features
<b>Pistol Shape, Simple to use, Point and Shoot</b>
<b>High Accuracy</b>
<b>Wide Temperature Range (Selectable °C or °F)</b>
<b>Direct Entry Adjustable Emissivity</b>
<b>Measurement Statistics (Min, Max, Diff, Hi Alarm, Low Alarm)</b>
<b>ON-Lock</b>
<b>Laser ON-OFF</b>
<b>Uses AAA Batteries</b>

Specifications	
<b>Mechanical:</b>	
Shape:	Pistol
Dimensions: (LWD)	6.897" (175.2mm) X 2.830" (71.9mm) X 1.535" (39mm)
Body Materials:	ABS
Body Finish:	Bone ABS
Weight:	179g (6.313oz) including batteries
<b>Electrical:</b>	
Infrared Temperature Measurement Range	-60 to 500 °C(-76 to 932°F)
Temperature Units	°C or °F
Operating Temperature Range	0-50°C (32-122°F)
Resolution (-9.9-199.9):	0.1°C or 0.1°F
Response Time (90%):	1 sec
Accuracy: T object=15-35°C T ambient= 25°C	±1.0°C (1.8°F)
Accuracy: T object=33-500°C T ambient= 23±3°C	±2% of reading or 2°C (4°F) whichever is greater
Thermocouple (K Type) Temperature Measurement Range	-64 to 1400°C(-83.2 to 1999°F)
Accuracy: T ambient= 23±6°C	±1% of reading or 1°C (1.8°F) whichever is greater
Field of view (Distance to Spot Ratio):	11-to-1
Emissivity:	Adjustable 0.1 to 1.00, Default 0.95
Controls:	5 Total: 1 Trigger Button, Measure & Laser ON, 1 Mode Button Up & Down selection buttons, Dedicated Emissivity. Measurement can be locked ON
Math Functions	Min, Max, Difference, Average, High Alarm, Low Alarm
Hi/Low Alarm Indicator	Beeper
Laser:	Red Dot, User selectable
Display:	LCD with backlight
Battery Type:	AAA, two each
Run Time:	140-180 hrs, Dependent on Laser and Backlight use.



## Applications

HVAC  
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 Refrigeration  
 •  
 HACCP  
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 Electrical  
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 Automotive

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