



# PST-200

## Infrared Laser & Contact *Dual* Thermometer



The PST-200 is a Professional non-contact laser infrared thermometer and a contact thermometer full of features and performance professionals need in their work, yet it is compact and user friendly. Professionals use PST200 thermometers in Industrial, Electrical and HVAC applications to safely check temperatures from a large distance.

*Just Point and Shoot*

Features
Simple to use, Point and Shoot
High Accuracy
Wide Temperature Range (Selectable °C or °F)
Adjustable Emissivity
Measurement Statistics (Min, Max, Diff, Hi Alarm, Low Alarm)
ON-Lock
Laser ON-OFF
Camera Tripod Mountable (For continuous measurements)
Uses AA Batteries

Specifications	
<b>Mechanical:</b>	
Shape:	Parallelepiped
Dimensions: (LWD)	138mm(5.433")X42.9mm (1.688")X30mm (1.181")
Body Materials:	ABS
Body Finish:	Bone ABS
Weight:	137g (4.83oz) 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):	8-to-1
Emissivity:	Adjustable 0.1 to 1.00, Default 0.95
Controls:	4 Total: 1 Button Measure & Laser ON, 1 Mode Button Up & Down selection buttons. 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:	AA, two each
Run Time:	127-360 hrs, Dependent on Laser and Backlight use.



## Applications

- HVAC
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- Refrigeration
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- HACCP
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- Electrical
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- Automotive

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