

► **Infrared Thermometer**



The infrared thermometer Models ST660 , ST662 and ST663 are non-contact infrared temperature measuring instrument . The wide temperature reading from $-50\sim 999^{\circ}\text{C}$ ($-58\sim 1830^{\circ}\text{F}$) keep users far away from the potential risks.

To measure a temperature, point the unit at the object until the temperature is read, pull the measuring trigger and hold. Make sure the target area is larger than the units' spot size.

Specifications	ST660	ST662	ST663
Temperature Range	$-50\sim 999^{\circ}\text{C}$ ($-58\sim 1830^{\circ}\text{F}$)		
Accuracy (Assumes Operation Ambient Temperature of $25^{\circ}\text{C}/77^{\circ}\text{F}$)	$\pm 3^{\circ}\text{C}$ ($\pm 5^{\circ}\text{F}$) From $-50\sim -20^{\circ}\text{C}$ ($-58\sim -4^{\circ}\text{F}$) $\pm 2^{\circ}\text{C}$ ($\pm 3^{\circ}\text{F}$) From $-20\sim 100^{\circ}\text{C}$ ($-4\sim 212^{\circ}\text{F}$) $\pm 2\%$ From $100\sim 999^{\circ}\text{C}$ ($212\sim 1830^{\circ}\text{F}$)		
Thermopile	8~14 μm		
Repeatability	$\pm 1^{\circ}\text{C}$ ($\pm 2^{\circ}\text{F}$)		
Resolution	1 $^{\circ}\text{C}$ or 1 $^{\circ}\text{F}$		
Response Time	500ms		
Emissivity	0.95	0.95	Adj.0.1~1.0
Distance/Spot Ratio	12:1		
Supply Voltage	9V		
Operating Temp	$0\sim 50^{\circ}\text{C}$ ($32\sim 122^{\circ}\text{F}$) , 10~90% RH		
$^{\circ}\text{C}/^{\circ}\text{F}$ Switchable	YES	YES	YES
Auto Power Off	YES	YES	YES
Backlight	YES	YES	YES
Laser Sight Switchable	YES	YES	YES
Max/Min/Avg./ ΔT	NO	YES	YES
Auto-measuring	NO	YES	YES
10 point memory	NO	YES	YES
Audio Alarm	NO	YES	YES
Battery Type	9V , 006P , IEC6F22 , NEDA1604		
Dimensions	170×133×45 mm(6.69" ×5.23" ×1.77")		
Weight	187g Approx		
Accessory:9V Battery , Instruction manual , Carrying case			

▶ Features

- Ultra low power consumption in shutdown mode.
- Extended long time measuring reliability.
- Laser sighting on/off is switchable
- High DS ratio.
- Backlit LCD display.
- °C or °F selectable
- Electronic trigger lock

▶ Applications

- Electrical troubleshooting.
- Automotive Repair & Maintenance.
- Science Experiment.
- Air Conditioner.
- Manufacturing Processes of semiconductor technology.
- Test terminals on circuits.
- Perform HVAC energy audits.