



# Infrared Thermometer - HDS



## Features

- Rugged & Ergonomic design.
- High DS ratio.
- Backlit dual display LCD.
- New series for general purposes.
- Ultra low power consumption in shutdown mode.
- Extended long time measuring reliability.
- Laser sighting on/off is switchable.
- °C or °F selectable.
- Electronic trigger lock.
- Temperature data storage.
- Audible alarms.



Models ST670, ST672, ST675 and ST677 are Gun-Type infrared thermometers, which are extended from the past experiences of High Performance series. The prices are much attractive, but the quality and technologies we learned from the past were not sacrificed to compensate the costs. This means Sentry likes to provide revolutionary and easy-to-use instruments for customers based on our mature and well-developed infrared technology from the past till now.

Models	ST670	ST672	ST675	ST677
Distance/Spot Ratio	30:1	30:1	50:1	50:1
Temperature Range	-32~ 760°C(-25.6~ 1400°F)	-32~ 1300°C(-25.6~2372°F)		-32~ 1650°C(-25.6~3002°F)
Accuracy ±3°C(±5°F)		-32~ -20°C(-25.6~ -4°F) ±2°C(±3°F) -20~ 100°C(-4~ 212°F) Above 100 °C(212°F):±2%		
Thermopile	8~14µm	8~14µm	8~14µm	8~14µm
Repeatability	±1°C(±2°F)	±1°C(±2°F)	±1°C(±2°F)	±1°C(±2°F)
Resolution		0.1°C(0.1°F) 0.1°C or 0.1°F(Above 2000°F:1?)		
Response Time	500ms	500ms	500ms	500ms
Operation Temp		0~50°C(32~122°F),10~90%RH		
Auto Power Off		Automatically after approx. 6sec		
Emissivity		Adjustable 0.1~1.0		
°C/°F Switchable	YES	YES	YES	YES
Backlight	YES	YES	YES	YES
Laser Sight Switchable	YES	YES	YES	YES
Max/Min/Avg./T	YES	YES	YES	YES
Auto-measuring	YES	YES	YES	YES
10 Point Memory	YES	YES	YES	YES
Audio Alarm	YES	YES	YES	YES
Dual Display	YES	YES	YES	YES
Tripod Mount	YES	YES	YES	YES
Dimensions		200×166×50.5 mm		

MODEL	DESCRIPTION
ST 670, 672, 675, 677	Infrared Thermometer

Supplied By **Test and Measurement Instruments C.C.**

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