



ST 688 Infrared Thermometer

Features:

- 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.

Description:

The Infrared Thermometer Models ST685, ST688, ST688 PLUS and ST689 are non-contact high performance infrared temperature measuring instruments. Features include a 4 digits backlit dual display LCD, scan/hold/auto function and auto power off (about 6 seconds). To measure a temperature, point

Specifications	ST685	ST688	ST689	ST688 Plus
Distance/Spot Ratio	30:1	50:1	50:1	50:1
Temperature Range	-50~ 1000°C (-58~ 1832°F)		-50~ 1500°C (-58~ 2732°F)	
Accuracy (Assumes Operation Ambient Temperature of 25°C/77°F)	±3°C(±5°F) -50~ -20°C(-58~ -4°F) ±2°C(±3°F) -20~ 100°C(-4~ 212°F) ±2% 100~1000°C (212~1832°F)		±3°C(±5°F) -50~ -20°C(-58~ -4°F) ±2°C(±3°F) -20~ 100°C(-4~ 212°F) ±2% 100~1500°C (212~2732°F)	
Thermopile	8~14µm			
Repeatability	±1°C(±2°F)			
Resolution	0.1°C(0.1°F)			
Response Time	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./ΔT	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
USB Data Output	NO	NO	YES	NO
Thermocouple K Type	NO	NO	YES	NO
Dimensions	200×127×47 mm			