

SENTRY®

ACEZ INSTRUMENTS

Knowledge Based Solutions



ST689 Infrared Thermometer



High DS Ratio



Adjustable Low
Power Consumption
in Shutdown Mode



Backlit LCD Display



Electronic Trigger
Lock



Rugged Design



Compact
for Long Distance
Measurement

**Non-contact high performance infrared temperature measuring instruments
with DS ration, wide temperature range**

SPECIFICATIONS

Temperature Range	: -50~1,000°C (-58~1,832°F)
Accuracy	: $\pm 3.0^{\circ}\text{C}(\pm 5.4^{\circ}\text{F})$ From -50~-20°C(-58~-4°F), $\pm 2.0^{\circ}\text{C}(\pm 3.6^{\circ}\text{F})$ From -20~100°C(-4~212°F), $\pm 2\%$ From 100~1,000°C(212~1,832°F)
Resolution	: $0.1^{\circ}\text{C} / 0.1^{\circ}\text{F}$
Response Time	: 500 ms
Emissivity	: Adjustable 0.1 ~ 1.0
Distance/Spot Ratio	: 50:1
Thermopile	: 8~14 μm
Repeatability	: $\pm 1^{\circ}\text{C}(\pm 2^{\circ}\text{F})$
Operation Temp	: 0~50°C(32~122°F), 10~90%RH
Auto Power Off	: Automatically after approx. 6sec

$^{\circ}\text{C}/^{\circ}\text{F}$ Switchable	: YES
Laser Sight Switchable	: YES
Max/Min/Avg./ ΔT	: YES
Auto-measuring	: YES
10 point memory	: YES
Audio Alarm	: YES
USB Data Output	: YES
Thermocouple K Type	: YES
Dimensions	: 200x156x48 mm (7.9"x6.14"x1.89")
Weight	: 330g (11.64 oz.)



K Type Thermocouple



USB Charging



LCD

Mode Key

Measurement Key

Battery Case

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