

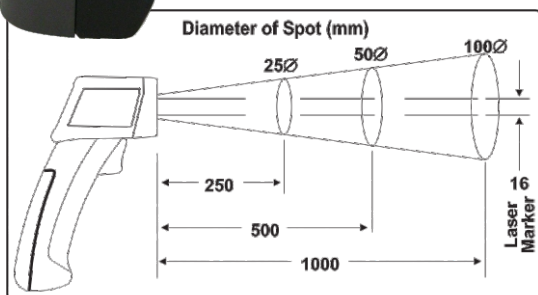
High Performance INFRA RED THERMOMETER

MODEL **KM 690**

**High
D:S Ratio
50:1**



Preliminary Data.



Spot size increase with distance from the probe tip as shown (Spot Diameter measured at 90% Energy)

Applications

- * Temperature monitor of Far distance.
- * Air conditioner.
- * Test terminals on Electrical Circuits.
- * Perform HVAC energy audits.

Features

- High DS ratio.
- Ultra low power consumption in shut Down mode.
- Extended long time measuring reliability.
- Electronic trigger lock.

Temperature Range:
-32°C~1650°C(-25.6~3002°F)

Electrical specification:

Temperature Range	-32°C~1650°C (-25.6~3002°F)
Distance / Spot Ratio	50:1
Accuracy	±3°C(±5°F) From -32~ -20°C(-25.6~ -4°F)
	±2°C(±3°F) From -20~ 100°C(-4~212°F)
	Above 100°C (212°F) : ±2%
Thermopile	8 ~ 14 μm
Repeatability	± 1°C (±2°F)
Resolution	0.1°C (0.1°F)(above 2000°F:1°F)
Response Time	500 ms.
Operation Temp.	0~50°C (32~122°F), 10~90%RH
Emissivity	Adjustable 0.10~1.0
Auto Power Off	6 sec.
°C / °F Switchable	YES
Backlight	YES
Laser Sight ON / OFF	YES
Max / Min / Avg / Δ T	YES
Auto-Measuring	YES
10 Points Memory	YES
Audio Alarm	YES
Dual Display	YES
Tripod Mount	YES
Dimensions	200 X 166 X 50.5 mm

Note: All Specification are Subject to change.