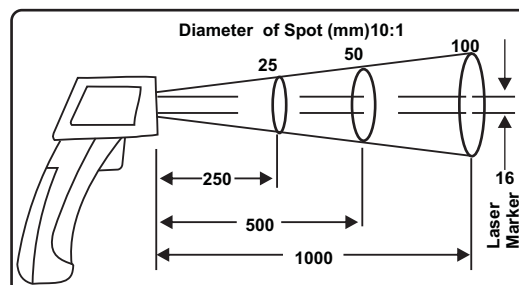


**NON - CONTACT INFRA RED THERMOMETER
8 FUNCTIONS 3 RANGES****Model : KM 688 / KM 690****KM 690
Display****KM 688
Display****APPLICATIONS :**

- Temperature monitor from far distance.
- Air conditioner & Gas Pipelines
- Test terminals on Electrical Circuits
- Perform HVAC energy audits
- Energy Conservation
- Bearing Temperature.
- Heat Treatment Furnaces.
- Transmission Towers.
- Automotive Industry

**FEATURES:**

- High DS ratio: 50 :1
- Resolution 0.1° C.
- Electronic trigger lock.
- Adjustable emissivity from 0.1 to 1.00 in 0.01 steps.
- Backlight LCD display.
- KM 688 with additional Thermocouple Probe
- Selectable switch for °C / °F.

SAFETY :

- The instruments conforms to the following standards.
EN 61326 : Electrical equipment for measurement, Control and laboratory use.
IEC 61000 -4 - 2 : Electrostatic discharge immunity test
IEC 61000 -4 -3 Radiated ,radio - frequency, electromagnetic
IEC 61000 - 4 -8: Power frequency magnetic field immunity test.

ELECTRICAL SPECIFICATION

Function	Model KM 688	Model KM 690
Distance To Spot Ratio	50 : 1	50 : 1
Temperature Range	-50~1000°C(-58~1832°F)	-32 ~ 1650°C (-25.6 ~ 3002°F)
Accuracy	± 3°C (± 5°F) : -50 ~ -20°C (-58 ~ -4°F)	± 3°C (± 5°F) : -32 ~ -20°C (-25.6 ~ -4°F)
	± 2°C (± 3°F) : -20 ~ 100°C (-4 ~ 212°F)	± 2°C (± 3°F) : -20 ~ 100°C (-4 ~ 212°F)
	± 2% : 100 ~ 1000°C (212 ~ 1832°F)	± 2% : 100°C ~ 1650°C (212°F ~ 3002°F)
Thermopile	8 ~ 14 m	8 ~ 14 m
Repeatability	± 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°F)
Response Time	500 ms	500 ms
Operation Temp. / R.H.	0 ~ 50°C (32 ~ 122°F), 10 ~ 90% RH	0 ~ 50°C (32 ~ 122°F), 10 ~ 90% RH
Auto Power Off	After approx. 6 sec	After approx. 6 sec
Emissivity	Adjustable 0.1~ 1.0	Adjustable 0.1~ 1.0
°C / °F Switchable	Yes	Yes
Backlight	Yes	Yes
Laser Sight Switchable	Yes	Yes
Max / Min / Avg / T	Yes	Yes
10 Point Memory	Yes	Yes
High / Low Alarm	Yes	Yes
Auto Measuring	Yes	Yes
Dual Display	Yes	Yes
Tripod Mount Facility	Yes	Yes
Thermocouple K-type	Yes	No
Power Supply	Standard 9V battery	Standard 9V battery
Dimensions	200mm x 127mm x 47mm	200mm x 166mm x 51mm
Weight	300 gms. Approx.	280 gms. Approx.
Accessories	K-Type Thermocouple (KM 688 only) upto 300°C, Instruction Manual, Carrying Case, Battery installed.	

All Specifications are subject to change without prior notice