MT694
Infrared Thermometer

The MT694 is a small and compact pistol grip type infrared thermometer which can provide fast and accurate readings for most surface temperature measurements due to its sampling rate of 150 milliseconds. The distance to spot ratio is 20:1 and the temperature range is from -50°C to 1000°C. This meter features a multipoint laser which increases the target accuracy when the unit is at the optimum distance from the object being measured. Special features include adjustable emissivity from 0.10 to 1.0, external Type-K temperature measurements, response time 150mS, max hold, large backlit LCD display, High and Low alarm and a trigger lock for continuous use.

Features

- Spot Ratio 20:1
- Temperature -50ºC to +1000ºC
- Response time 150ms
- Adjustable emissivity from 0.10 to 1.0
- Circular laser sighting
- Selectable ºC or ºF
- Automatic Data Hold
- MIN, MAX, AVG and DIF temperature displays

- Set High and Low alarms
- Type-K input
- Automatic selection range and Display solution
- Backlit LCD display
- 2 meter drop tested
- IP54 rated for dust and waterproof
- Auto Power Off

Function	Range	Accuracy
Maximum range @ V.O.P 99.9%	3.0 km @ VOP≤ 99.9%	±(2% +0.2m)
Maximum range @ V.O.P 80.0%	2.4 km @ VOP ≤ 80.0%	±(2% +0.2m)
Maximum range @ V.O.P 66.0%	2.0 km @ VOP ≤ 66.0%	±(2% +0.2m)
Maximum range @ V.O.P 50.0%	1.5 km @ VOP ≤ 50.0%	±(2% +0.2m)
Range selection	Automatic	
Output Impedance	25, 50, 75, 100, 125 or 150 ohms	
Impedance Selection	Automatic output impedance control	
Velocity factor	Adjustable from 1.0% to 99.9%	
Cable Library	20 standard cable types	
Memory location	99 for Custom cable types	
Connector	BNC/RJ45	
Line Volatge detection	6.5V	
Dead zone	5m pair cable or coaxial, 10m single cable	
Digital Display	2.4 inch TFT colour screen	
Size	152 x 61 x 34mm	
Weight	227g	

Built-in Multipoint Laser

White Backlight LCD Display

External Type-K Input

Trigger Lock

MT694 | Infrared Thermometer with Multipoint Laser