



MT694

1000°C 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 -50°C to +1000°C
- Response time 150ms
- Adjustable emissivity from 0.10 to 1.0
- Circular laser sighting
- Selectable °C or °F
- Automatic Data Hold
- MIN, MAX, AVG and DIF temperature displays
- Set High and Low alarms
- Type-K input
- Automatic selection range and Display Resolution
- Backlit LCD display
- 2 meter drop tested
- IP54 rated for dust and waterproof
- Auto Power Off

Function	Range	Accuracy
Infrared Temperature range	-50°C to +1000°C	±(1.0% +1°C)
Resolution	0.1°C	
Distance Spot Ratio	20:1	
Response Time	150ms	
Emissivity	Digitally Adjustable from 0.10 to 1.0	
Type-K Temperature range	-50°C to +1370°C	±(0.5% +1.5°C)
Resolution	0.1°C 0.1°F	
MIN/MAX/AVG/DIF Display	Yes	
Hi/Lo Alarm	Yes	
Overrange Indication	Yes	
Size	170 x 50 x 85mm	
Weight	248g	



MT691

650°C INFRARED THERMOMETER

The MT691 is a professional dual laser infrared thermometer that is small and compact with a pistol grip and has a super fast sampling rate of 150 milliseconds. The distance to spot ratio is 12:1, and the temperature range is from -50°C to 650°C. This dual laser infrared thermometer meter features two laser pointers which converges into a single spot when the unit is at the optimum distance from the object being measured. Special features include adjustable emissivity from 0.10 to 1.0, max hold, response time 150mS, large backlit LCD display, High and Low alarm and a trigger lock for continuous use.

Features

- Spot Ratio 12:1
- Temperature -50°C to +650°C
- Response time 150ms
- Adjustable emissivity from 0.10 to 1.0
- Dual laser sighting
- Selectable °C or °F
- Automatic Data Hold
- MIN, MAX, AVG and DIF temperature displays
- Set High and Low alarms
- Automatic selection range and Display Resolution
- Backlit LCD display
- 2 meter drop tested
- IP54 rated for dust and waterproof
- Auto Power Off

Function	Range	Accuracy
Infrared Temperature range	-50°C to +650°C	±(1.0% +1°C)
Resolution	0.1°C	
Distance Spot Ratio	12:1	
Response Time	150ms	
Emissivity	Digitally Adjustable from 0.10 to 1.0	
MIN/MAX/AVG/DIF Display	Yes	
Hi/Lo Alarm	Yes	
Overrange Indication	Yes	
Size	170 x 50 x 85mm	
Weight	238g	



MT688

PROFESSIONAL NON-CONTACT BODY INFRARED THERMOMETER

The MT688 is a professional body infrared thermometer is designed for body surface and forehead temperature measurement for infants and adults without contact with the human body. It can also be used to measure temperature of baby bottles, bath water or room temperature. This small and compact IR thermometer with a pistol grip offers accurate readings for body temperature from 32°C to 42.5°C, while in surface mode the temperature range is 0°C to 60°C. The operating distance range is from 1cm to 10cm, and 32 measurements can be memorized all displayed on the large backlit LCD display. The MT688 has an automatic data hold function as well as auto power off mode after several seconds that extends the battery life. Complies to IEC 60601-1 and IEC 60601-1-2 medical electrical equipment.

Features

- Measurement range 1cm to 10cm
- Body Temperature 32°C to 42.5°C
- Surface Temperature 0°C to 60°C
- Set Alarm value
- Memorize last 32 measurements
- Selectable °C or °F
- Automatic Data Hold
- Resolution 0.1°C
- Backlit LCD display
- Auto Power Off

Function	Range	Accuracy
Body Temperature range	32°C to 42.5°C	±0.2°C
Surface Temperature range	0°C to 60°C	±0.2°C
Resolution	0.1°C	
Distance Spot Ratio	1cm to 10cm	
Response Time	< 1 seconds	
Emissivity	Digitally Adjustable from 0.10 to 1.0	
Overrange Indication	Yes	
Size	131 x 82 x 35mm	
Weight	130g	