

Features

The underlying technology for Infrared Radiation Pyrometers is based on the principle that all objects emit radiation at wavelengths in the infrared region of the electromagnetic radiation spectrum. Infrared is that portion of the electromagnetic spectrum that lies beyond the visible (blue to red, 0.4-0.75 μm) response of the human eye.

Infrared thermometers measure this radiation and provide an output signal calibrated in a variety of ranges.



MT 10A



MT 22

Technical Parameters

| SPECIFICATIONS | Metrix+ MT 10A | Metrix+ MT 22 (High Temperature) |
|----------------------------------------------|-----------------------------|-------------------------------------------------|
| Temperature Range | -50°C~1000°C(-58°F~1832°F) | 200°C~2500°C(392°F~4532°F) |
| Accuracy | ±2% or ±2°C | ±2% or ±2°C |
| Distance Spot Ratio | 20:1 | 80:1 |
| Emissivity | 0.10~1.00 adjustable | 0.10~1.00 adjustable |
| Resolution | 0.1°C 0.1°F (< 1000°C) | 0.1°C 0.1°F (<1000°C); 1°C 1°F (>1000°C) |
| Wavelength & Response Time | (8-14) μm &500ms | (900-1700)nm & 500ms |
| Repeatability | ±1%or±1°C | ±1%or±1°C |
| °C/°F Selection | √ | √ |
| Data Hold and Store Function | N A | (RS232 input interface, 4000 groups data store) |
| Laser Target Pointer and Backlight Selection | √ | √ |
| Max/Min/Avg/Difference Function | √ | √ |
| High&Low Temperature Alarm Setup | √ | √ |
| PACKING INFORMATION | | |
| Power | 9V DC battery | 9V DC battery(with external power) |
| Product Net Weight | 480g | 480g |
| Product Size | 200*155*59mm | 200*155*59mm |
| Packing Style | Gift box | Gift box |