

The underlying technology for Infrared Radiation Pyrometer is based on the principle that all Objects emit radiation at wave lengths 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, 0.4~0.75um) response of the human eye. Infrared thermometer measures this radiation and provides an output signal calibrated in a variety of ranges according to the requirement.



Features :

- Data Storage
- PC Interface for Data Logging
- Backlight Display
- Adjustable Emissivity
- 50:1 Distance to Spot Ratio

Technical Specifications :

Model	Metrix+ MT 12A
Temperature Range	-18°C ~ 1150°C (28 to 2102°F)
Display	Backlight Display
Accuracy	±2% or ±2°C
Distance to Spot Ratio	50:1
Response Time	500msec, 95% response
Spectral response	8-14 um
Emissivity	0.1 ~ 1.00 adjustable
Repeatability	±1% or ±1°C
Functionalities	Max/min data, average and difference reading, alarm set, data storage and recall, °C/°F Selection, Laser Target Pointer Selection, Auto Power OFF
Operating conditions	Temperature : 0 to 40°C; Humidity : 10-95%RH noncondensing @ upto 30°C
Storage conditions	-20 to 60°C; <=85% RH; without battery
Net Weight	480g
Dimensions	220 x 134 x 60mm
Power	1x 9V battery
Standard Accessories, Packing	Main unit, battery, Operational Manual ; Carry Case & Gift Box