

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 measure this radiation and provide an output signal calibrated in a variety of ranges according to customer requirement.



**Metrix+ MT 12A**

SPECIFICATIONS	Metrix+ MT 12A
Temperature Range	- 50°C~1150°C(-51°F~2102°F)
Accuracy	±1.5% or ± 1.5°C
Distance Spot Ratio	20:1
Emissivity	0.10 ~ 1.00 adjustable
Resolution	0.1°C or 0.1°F
Wavelength & Response Time	(8-14)um & 1500ms
Repeatability	±1% or ±1°C
Min/Max/AVG/Diff. reading	√
High/Low Temperature Alarm Set	√
Data store/Re-call Function	√
°C/°F Selection	√
Data Hold Function	√
Laser Target Pointer Selection	√
Backlight Display Selection	√
Low Battery Power Indication	√
Auto Power Off	√
Power	9V x 1 battery
Product Net Weight	312g (Including Battery)
Product Size	200*155*59mm
Packing Style	Carry Case

