

Metrix+™

Non-Contact Infrared Thermometer

Innovative Excellence

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.



Specifications	Metrix+ MT 16	Metrix+ MT 18
Temperature range	-50°C ~ 1650°C (-58 TO 3002 F)	-30°C ~ 1850°C (-22°F ~ 3362°F)
Accuracy	±2% or ±2°C	
Distance to Spot	50:1	50:1
Emissivity	0.10 ~ 1.00 continuous adjustable	
Resolution	0.1°C or 0.1°F (<1000°C)	
Repeatability	1% of reading or 1°C	
Response time	500 mSec, 95% response	
Spectral response	8-14 um	
MAX & MIN Function	✓	
Average & Difference	✓	
High Low Alarm Set	✓	
Data store/Recall	✓	
°C/°F Selection	✓	
Laser Target Pointer	✓	
Back light display	✓	
Auto Power Off	✓	
Low Battery Indication	V	
Ambient operating range	0 to 40°C (32 to 104°F)	
Relative humidity	10-95% RH noncondensing, @ upto 30°C(86°F)	
Storage temperature	-20 to 60°C, ≤85%RH, without battery	
Weight/Dimensions	500 g, 200 x 120 x 55mm	
Power	9V Battery	
Battery life (Alkaline)	Laser Models:12 hrs	
Standard Accessories	Battery, Operation Manual, Hard Carry case & Gift box	