Metrix+™
Innovative Excellence

Metrix+ MT 16
INFRARED THERMOMETER

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 16
Temperature Range	-18°C ~ 1650°C (0°F ~ 3002°F)
Display	Backlight Display
Accuracy	±2% or ±2°C
Distance to Spot Ratio	50 : 1
Resolution	0.1°C or 0.1°F (<1000°C) 1°C or 1°F (>=1000°C)
Response Time	500 ms
Spectral response	8-14 um
Emissivity	0.10 ~ 1.00 Adjustable
Repeatability	±1% or ±1°C
Data Storage	100 units of memory
Functionalities	Data Hold, °C/°F Selection, Laser Target Pointer, Auto Power OFF
Net Weight	1370g
Dimensions	205*155*62mm
Power	9V Battery
Standard Accessories, Packing	Battery, Operational Manual, Carry case ; Gift Box Packing
Optional Accessories	PC Interface(Software + Cable) for Data Logging