

### Principle

The underlying technology for Infrared Radiation Pyrometer is based on the principle that all objects emit radiation at wave lengths in the infrared region (0.4~0.75um) of the electromagnetic radiation spectrum. Infrared thermometer measures this radiation and provides an output signal calibrated in a variety of ranges according to the requirement.



### Features

- Circular laser for better visual feedback
- Color screen LCD
- Data storage and recall
- Low battery and overload indication
- Mildew alarm and temperature difference alarm indication

### Technical Specifications

Model	Metrix+ 62 Pro
Measuring range	-50 ~ 650°C ( -58 ~ 1202°F)
Accuracy	±1.5% rdg or ±1.5°C, whichever is greater
Resolution	0.1°C
Repeatability	1% rdg or 1°C, whichever is greater
Emissivity	Adjustable 0.10 ~ 1.00
DS Ratio	12:1
Wavelength	5 – 14 um
Response time	0.5s, 95% response
Power	2 x AAA 1.5V batteries
Operating conditions	0 ~ 40°C (32 ~ 104°F) 10 ~ 90% RH, non-freezing and non-toxic
Storage temperature	-10 ~ 60°C (14 ~ 140°F)
Standard accessories	Instrument, manual, gift box packing