

## DIGITAL INFRARED THERMOMETER IR1800

**APPLICATION:** This Thermometer is compact, durable and easy to use. Just press the trigger and aim at the measured area with the laser pointers. It can read the surface temperature of the area within 1 second. It can help you to measure the surface temperature safely of high-heat, dangerous or difficult to reach objects without contact. Laser points converge to a single spot when the unit is at the optimal distance from the object being measured. It is mostly used at plant/ general maintenance, cooling and reheating, HVAC/R, Servicing area, Transportation/ automotive, Food service equipment.

### FEATURES:

- Backlight LCD display
- Over range Indication
- Data hold function
- High Low Temperature Alarm
- Low Battery Indicator
- Auto Power Off: After 7 second
- Power Supply: 9V battery x 1pc
- Dimension & Weight: 192 x 95 x 63
- Accessories: Operational Manual, Carrying Case, 9V Battery& Stand

### SPECIFICATION:

- Temperature range: -50 °C to 1800 °C ( -58 °F to 3272 °F)
- Accuracy :  $\pm 3\%$  of rdg  $\pm 3^{\circ}\text{C}$ , -50°C to 0°C(-58 °F to 320°F) &  $\geq 100(2120^{\circ}\text{F})$   
 $\pm 2\%$  of rdg  $\pm 2^{\circ}\text{C}$ , 0°C to 100°C(321 °F to 2120°F)
- Distance coefficient: 50:1
- Emissivity : 0.1 ~ 1.0 Adjustable
- Resolution: 0.1°C/°F<1000, 1°C(1°F)>1000
- Repeatability : 1% of reading or 1°C
- Response Time: <250msec, 95% response
- Spectral Response:8-14um
- Operating Temperature: 0°C to 40°C(32°F to104°F)
- Storage Temperature: -20°C to 60°C(-4°F to140°F) without Battery
- Relative Humidity : Operating : 10-95% RH, Storage : 10-95% RH

