



BTMETER BT-1880

Infrared Thermometer - User Manual

Product Overview

The BT-1880 is a professional non-contact infrared thermometer designed for measuring surface temperature in industrial, electrical, and maintenance environments.

Key Features

- Wide temperature range up to 1880°C
- High distance-to-spot ratio (50:1)
- Fast response time (0.25 seconds)
- Adjustable emissivity
- Dual laser targeting
- MAX / MIN / AVG measurement modes
- Backlight display and flashlight

How to Use

Insert 9V battery

Aim the device at the target surface

Press and hold the trigger

Read temperature on screen

Release trigger to hold reading

Safety Instructions

- Do not use on humans or animals
- Do not point laser into eyes
- Avoid use in explosive environments

Technical Specifications

| Feature | Value |
|-------------------|-----------------|
| Model | BT-1880 |
| Temperature Range | -50°C to 1880°C |
| Accuracy | ±2% ~ ±3% |
| Response Time | 0.25 sec |
| Distance Ratio | 50:1 |
| Emissivity | 0.1 – 1.0 |
| Power | 9V Battery |