

## INFRARED THERMOMETER

## TECHNICAL DATA

### FEATURES

- User selectable °F or °C
- Built-in laser pointer identifies target area
- 50:1 distance to spot ratio measures smaller surface areas at a greater distance
- Digitally adjustable emissivity from 0.10 to 1.0
- High and low alarm setpoints
- Max, Min and Dif. Avg. temperature displays
- Large LCD with backlight and display hold
- Includes battery and carrying case

### SPECIFICATIONS

**Temperature Range:** -58.0 to 1832°F  
(-50.0 to 1000°C)

**Resolution:** 0.1 up to 200°; 1° over 200°

**Accuracy:** -50 to -20°C (-58 to -4°F): ±5°C (±9°F);  
-20 to 200°C (-4 to 392°F): ±1.5% of reading  
±2°C (±3.6°F); 200 to 538°C (302 to 1000°F):  
±2.0% of reading ±2°C (±3.6°F); 538 to 1000°C  
(1000 to 1832°F): ±3.5% of reading ±5°C (±9°F);

**Optical Resolution:** 50:1

**Emissivity:** Adjustable from 0.10 to 1.0

**Response Time:** Less than 1 second

**Power Supply:** 1 x 9V alkaline battery

**Dimensions:** 9 x 3.9 x 2.2" (230 x 100 x 56mm)

**Weight:** 10.2 oz (290g)

### ORDERING INFORMATION

ST-8839 ..... Infrared Thermometer  
CERTIIR1 ..... NIST Calibration Certificate  
ST-8839-NIST ..... IR Thermometer & NIST

