

**Dwyer**  
SERIES IR6/IR7



# DUAL LASER EXTENDED RANGE INFRARED THERMOMETER

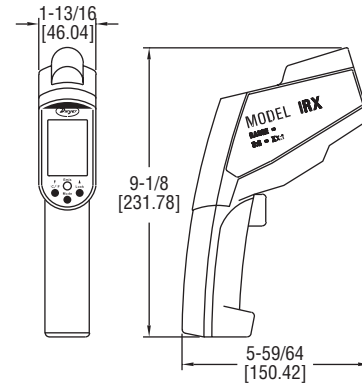
Up to 50:1 Distance to Target Ratio



IR6



IR7



The **SERIES IR6/IR7** Dual Laser Extended Range Infrared Thermometer is ideal for accurately measuring surface temperatures from long distances. This feature packed handheld device allows the user to read the max/min, average, and differential readings. The high and low alarms give audible and visual indication of the process temperature. When taking measurements in dark areas, a built-in white light can be used to illuminate the measurement area. For long term measurements, the unit includes a dual magnetic base attachment that allows hands-free measurements.

## FEATURES/BENEFITS

- Heavy-duty IR dual-laser thermometer with advanced temperature processing
- High-resolution optics
- Built-in LED flashlight

## APPLICATIONS

- Measuring hot surfaces from a long, safe distance

## SPECIFICATIONS

**Measurement Range:** IR6: -76 to 1600°F (-60 to 871°C); IR7: -76 to 1832°F (-60 to 1000°C).

**Operating Range:** 32 to 122°F (0 to 50°C).

**Accuracy:** ±2% of readings or 4°F (2°C) whichever is greater.

**Resolution:** 0.1°F (0.1°C).

**Response Time:** 1 s.

**Distance to Target:** IR6: 30:1; IR7: 50:1.

**Emissivity:** 0.95 default – adjustable 0.10 to 1.00 in 0.01 steps.

**Power Requirements:** (2) AAA alkaline batteries, included, user replaceable.

**Battery Life:** 180 hours continuous use.

**Units:** User selectable °F or °C.

**Weight:** 13.62 oz (386.1 g).

**Agency Approvals:** CE.

## MODEL CHART

Model	Distance to Target Ratio	NIST
IR6	30:1	No
IR7	50:1	No
IR6-NIST	30:1	Yes
IR7-NIST	50:1	Yes