

# Portable InfraRed Calibrator

## Stable Blackbody target

Provides a stable blackbody target for calibrating non-contact InfraRed Thermometers up to 662°F (350°C)

### Features:

- Large 2.25" (57mm) blackbody target for a wide field of view area
- RTD contact reference well for higher precision located behind the blackbody surface
- Built-in PID temperature controller for high temperature stability
- Dual display for set temperature and blackbody temperature
- Used for IR thermometer and Pyrometer calibration or accuracy verification
- Small, compact design for use on the benchtop or in the field
- Complete with power cord (110VAC)



Used for checking the accuracy of your IR Thermometers

### Specifications

Temperature Range	122 to 662°F (50 to 350°C)
Resolution	0.1°F/°C
Accuracy	±1°F@212°F (±0.5°C@100°C) ±2.4°F@262°F (±1.2°C@350°C)
Stability	±0.2°F@212°F (±0.1°C@100°C) ±0.4°F@262°F (±1.2°C@350°C)
Target size	2.25" (57mm)
Target emissivity	0.95
Heating time	30 minutes to max
Cooling time	30 minutes max to 212°F (100°C)
Power	110VAC/3A
Dimensions	7 x 4.5 x 9.1" (180 x 114 x 233mm)
Weight	5.9lbs (2682g)

### Ordering Information:

IRC350 .....Portable InfraRed Calibrator (110V AC)  
IRC3500-NIST .....Portable InfraRed Calibrator (110V AC) w/NIST

