

Blackbody Radiation Specifications:

A blackbody radiation source is required for calibration of infrared cameras. The temperature range of the calibration source must be from 300 – 1500 degrees Celsius.

The calibration source is required by September 1, 2014.

Specifications:

The blackbody radiation source shall have the following specifications:

- 1.) Temperature range of 300 – 1500 degrees C.
- 2.) Aperture diameter of 16.5 mm or greater.
- 3.) Temperature uncertainty of 0.4% of reading + 1 deg. C.
- 4.) Average warm up time of 30 minutes.
- 5.) Dimensions of 290 x 495 x 550 mm or less.
- 6.) Weight of 28 Kg or less.
- 7.) Closed end tube emitter.
- 8.) Operation off of 115 Volts AC.
- 9.) Shall have NIST calibration.
- 10.) 1 Year Warranty plus 1 additional year extended Warranty