

Wahl

HEAT SPY®

Do-It-Yourself Infrared Verification

Wahl Heat Spy® HSICBB-P

Portable Calibration Black Body • NIST Traceable

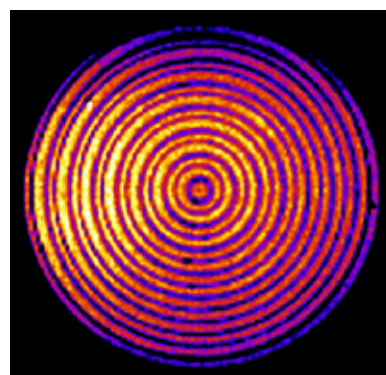


The Wahl Heat Spy® HSICBB-P Calibration Black Body is a portable ambient temperature black body used for single point calibration verification and checking of thermal imaging cameras and point infrareds.

With an accuracy of $\pm 0.3^{\circ}\text{F}$ (0.2°C), the Wahl Portable Black Body is the most reliable way to confirm the accuracy of your instruments in house and in the field.

Affordable and easy to use, simply turn the black body on and choose either $^{\circ}\text{F}$ or $^{\circ}\text{C}$. Set your thermal imaging camera or infrared thermometer to the correct emissivity, aim at the target area, and compare readings. The result will confirm that your unit is within tolerance, and you can calculate the correction for zero error.

- Fast
- Accurate
- Lightweight
- Portable
- Easy to Use
- $^{\circ}\text{F}$ or $^{\circ}\text{C}$



Thermal image of Portable Black Body Plate



Housed in a watertight IP67 carrying case, the Portable Calibration Black Body is lightweight, portable, and easy to use. With it, you have the ability to keep all your infrared instruments in compliance with the traceability needed to maintain your quality control system.

HSICBB-P Portable Black Body Specifications	
Radiator	3" diameter concentric rings with integral 4-wire RTD sensor
Meter	4-wire RTD thermometer
Ambient Operating Range	-40° to 158°F (-40° to 70°C)
Recommended Operating Range	50° to 122°F (10° to 50°C)
System Accuracy	$\pm 0.3^{\circ}\text{F}$ or $\pm 0.2^{\circ}\text{C}$ over Recommended Operating range
Scale	$^{\circ}\text{F}$ or $^{\circ}\text{C}$ user selectable
Display	4-digit 1" high LCD
Display Resolution	0.1°
Display Update Rate	10 seconds
Repeatability	0.1°F or $^{\circ}\text{C}$
Heating Method	None, assumes the ambient temperature
Emissivity	0.95 or ± 0.02
Power	1 - 3.6 Volt Lithium Thionyl Chloride Battery, size "AA"
Battery Life	Approximately 3 years, with "Low Bat" indicator*
Case	Pelican® 1150
Case Rating	IP67 (1 meter submersion for 30 minutes with case closed)
Case Exterior Dimensions / Weight	9.44" L x 7.80" W x 4.29 D" (24 x 19.8 x 10.9 cm) / 3.0 lbs. (1.36 kg).
Included with unit	User Manual
Optional	NIST Certificate of Conformance

* Turning off unit when not in use will extend battery life.

