

# Wahl Heat Spy® HSICBB-P Portable Calibration Black Body • NIST Traceable

## Do-It-Yourself Infrared Verification



The Wahl 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 Infrareads.

With an accuracy of  $\pm 0.3^{\circ}\text{F}$  ( $0.2^{\circ}\text{C}$ ) over the entire range, it 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 instrument 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  $^{\circ}\text{C}$



Housed in a watertight IP67 carrying case, the Portable Calibration Black Body is lightweight, portable, and easy to use. It provides all your infrared instruments 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
Operating Range	-40° to 158°F (-40° to 70°C)
System Accuracy	$\pm 0.3^{\circ}\text{F}$ or $\pm 0.2^{\circ}\text{C}$ over entire 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 C
Heating Method	None, assumes the ambient temperature
Emissivity	0.95
Power	1-3.6 Volt Lithium Thionyl Chloride Battery, size "C"
Battery Life	3 year minimum, with "Low Bat" indicator*
Case	Pelican® 1150
Case Rating	IP67 (1 meter submersion for 30 minutes with case closed)
Size / Weight	9.12" x 7.56" x 4.32" (23.2 x 19.2 x 11.1 cm) 2.85 lbs. (1.29 kg)
Included	NIST Traceable Report of Calibration, User Manual

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

*Specifications subject to change without notice*



Calibration Services Available



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