

# Infrared Temperature Calibration Services

- ✓ All Calibration Standards Used by OMEGA are NIST Traceable
- ✓ Choose System or Sensor-Only Calibrations—No Job is Too Small
- ✓ 4 Calibration Levels
- ✓ Wide Temperature Ranges Covered—to 1648°C (3000°F) and Higher—When Required
- ✓ The Industry's Fastest, Most Reliable Blackbody Calibrations

BB-4A benchtop blackbody calibration source, \$3595, below, shown calibrating as a system the OS1551-A infrared 4-wire transmitter, \$690, and the DP41-B meter, \$595.



OMEGASCOPE® OS523, \$1195, with sighting scope, shown being calibrated using the OMEGA® BB705 high-temperature blackbody calibration source, \$9995. Visit [omega.com/blackbody-cal](http://omega.com/blackbody-cal) to see our complete line of blackbody calibrators.



OMEGA offers a complete range of infrared calibration services, performed by professionals with years of experience. As a company, our testing and calibration experience spans decades. OMEGA is an industry leader in temperature measurement and laser sighting technologies, with numerous patents and a global presence. Let our knowledge and technology work for you. We maintain an extensive line of high-temperature and low-temperature blackbody calibration standards—all NIST traceable. Call our Customer Service department to arrange your next infrared calibration.



## To Order (Specify Calibration Level)

Cal Level	Price	Description
CAL-1	\$0	Statement of conformance (must be requested at time of purchase)
CAL-2*	0	Statement of traceability, no data points (must be requested at time of purchase)
CAL-3-IR	135	Calibration traceable to NIST with 3 data points
CAL-4-IR	135 + 35/PT	Same as CAL-3-IR plus customer-selected data points from -18 to 1199°C (0 to 2190°F)
CAL-3-BB	235	Blackbody calibration traceable to NIST (3 data points)
CAL-4-BB	235 + 35/PT	Same as CAL-3-BB plus customer-selected data points across the calibrator's range

\* Not all products are available with NIST traceability.

Note: Because of the large selection of infrared pyrometers and blackbody calibration services that OMEGA offers, the pricing and calibration data points shown above are examples only and do not apply to every pyrometer or blackbody calibration. Contact OMEGA Customer Service before returning any instrument for calibration service.

Ordering Example: CAL-3-IR (designate this calibration level when NIST traceability is required on the infrared pyrometer you are purchasing new or when you are returning previously purchased equipment for calibration), \$135.

**For Calibration Services Call:**  
**1-800-622-2378®**  
**1-800-622-BEST**

# Relative Humidity Calibration Services

✓ Accurate, Stable, Temperature-Compensated Standards

✓ Traceable to NIST  
 ✓ Expert Technical Staff  
 ✓ Fast, Economical Service

NIST-traceable temperature/humidity chamber calibrates thermo-hygrometers and temperature and humidity products.



**CTXL-TRH, microprocessor-based, portable, temperature and relative humidity circular chart recorder, \$795. See page S-38 for complete details.**

OMEGA's highly accurate, temperature-compensated relative humidity calibration standards result in fast, stable, NIST-traceable calibrations. All work is performed by highly trained in-house technicians dedicated to superior-quality, economically priced service. We calibrate most of the relative humidity sensors, meters, controllers, recorders, data loggers, and data acquisition systems that we sell. Contact our Customer Service department to arrange calibration of your equipment.

<b>To Order (Specify Calibration Level)</b>		
<b>Cal Level</b>	<b>Price</b>	<b>Description</b>
<b>CAL-1</b>	<b>\$0</b>	Statement of conformance (must be requested at time of purchase)
<b>CAL-2*</b>	<b>0</b>	Statement of traceability, no data points (must be requested at time of purchase)
<b>CAL-3-HU</b>	<b>135</b>	Calibration traceable to NIST with 4 data points across the instrument's range
<b>CAL-4-HU</b>	<b>135 +35/PT</b>	Same as CAL-3-HU plus customer-selected data points from 10 to 90% RH

\* Not all products are available with NIST traceability.

**Note:** Because of the large selection of relative humidity instrumentation OMEGA offers, the pricing and calibration data points shown above are examples only and do not apply to every relative humidity calibration. Contact OMEGA Customer Service before returning any instrument for calibration service.

**Ordering Example:** CAL-3-HU (designate this calibration level when NIST traceability is required on the relative humidity instrument you are purchasing new or when you are returning previously purchased equipment for calibration), **\$135.**