

Four-Point Calibrated Thermocouple Probes

Additional Probe Calibration Services Available. See Section I



Miniature Quick-Disconnect Probes with Cable Clamps

Standard Quick Disconnect Probes with Cable Clamps

Molded Transition Probes

Rugged "Heavy Duty" Transition Probes

Molded Transition Probes

Utility Handle Probes with Retractable Cable and SMPW Miniature Connectors

High Performance Low Noise Probes with Standard and Miniature Connectors and Cable Clamps

For Additional Type T Thermocouple Probes See Section A

Only
\$15
additional per probe. Add "-CL5" to model number. Selected models only.

No Set Up Fee!

Super OMEGACLAD® XL Calibration Points

600°C, 800°C, 1000°C, 1150°C
(1112°F, 1472°F, 1832°F, 2102°F)

PATENTED

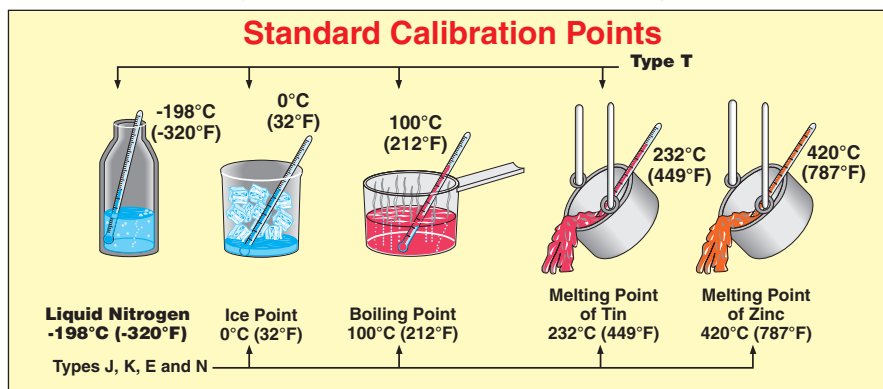
Covered by U.S. and International patents and pending applications.

The 30° probe and write-on connector are trademarks of OMEGA Engineering, Inc.

Individual Calibration Report of Production Lot!

- ✓ For Applications where Extra High Accuracy is Required
- ✓ Each Probe Certified at Four Temperature Standards
- ✓ Calibration Certificate Card Included with Each Probe

Standard Calibration Points



CALIBRATED THERMOCOUPLES AVAILABLE FOR FAST DELIVERY!

To Order (Follow Steps Below)

1. Select the style probe needed for your application within this section
2. To receive a calibration report detailing the accuracy of your probe at the standard Temperature points shown above add -CL5 to the end of the probe part number and add \$15 to the probe price.

Note: For a complete listing of thermocouple probe and wire types available with CAL-5 and other calibration certification. See Section I for additional probe calibration information.

Ordering Example: KQIN-14-G-12-CL5, Type K quick disconnect probe with molded connector 1/4" diameter 12" long with 4 standard points of calibration, \$42.



OMEGA's ice point™ is a highly accurate 0°C (32°F) thermoelectric "refrigerator" used in the calibration of temperature instruments. Model TRCIII, \$1175. See page K-12.



OMEGA's hot point® thermocouple and RTD calibrator calibrates all temperature sensors to within ±1.5°F. Model CL900-110, \$2995. See page K-23.

Every Calibrated Probe Supplied with a Calibration Report Card

OMEGA

One Omega Drive, P. O. Box 4047
Stamford, CT 06907 (203) 359-1660



Calibration Report Probe I.D. # _____

Nominal Temperature Departure

°F	°C	°F	°C
-320	-196		
32	0		
212	100		
449	232		
787	419		

Certified By:

Note: To calculate actual temperature

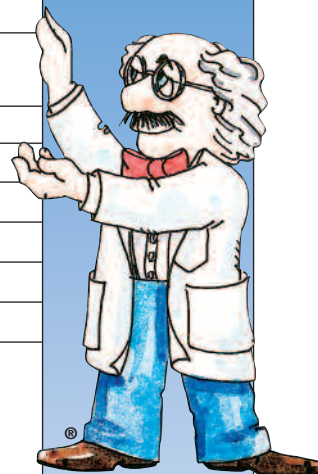
- Add departure when negative (-)
- Subtract departure when positive (+)

EXAMPLE:

Nominal Temperature = 419°C

Departure Temperature = -2°C

Actual Temperature = 417°C



Note: Calibration Report Shown is generic and will only include 4 calibration points as shown in the reference chart below by thermocouple type.

Ordering Information:

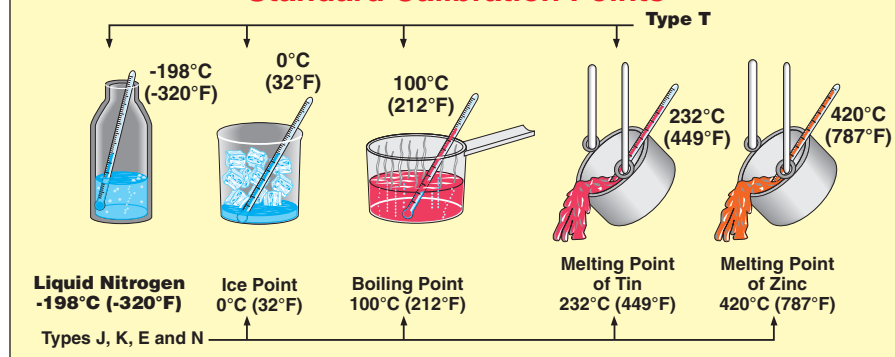
Most of OMEGA's mineral insulated thermocouples are available with 4-point calibration. Please consult Sales for individual probe types not shown on the reverse side of this page. To Order, add the suffix "-CL5" to the probe model number, and add \$15 to the price.

Ordering Example:

GKQSS-14U-12-CL5: an OMEGA standard size low noise thermocouple, Type-K calibration, 1/4" O.D. stainless steel sheath, ungrounded junction, 12" length (\$48 price). This probe is supplied with a calibration card detailing accuracy at the following four nominal temperatures: 0°C (32°F), 100°C (212°F), 231.9°C (449°F) and 419.6°C (787°F). Price: \$48 + 15 = \$63



Standard Calibration Points



OMEGA's complete in-house calibration lab can calibrate probes and sensors, as well as instrumentation, for temperature, pressure, flow and pH applications.

See Section I for fast, accurate, low cost and NIST traceable calibration, or just dial:

**1-800-82-66342®
1-800-TC-OMEGA**



UNITED STATES

www.omega.com

1-800-TC-OMEGA
Stamford, CT.

CANADA

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Laval(Quebec)
1-800-TC-OMEGA

GERMANY

www.omega.de

Deckenpfronn, Germany
0800-8266342

UNITED KINGDOM

www.omega.co.uk

Manchester, England
0800-488-488

FRANCE

www.omega.fr

Guyancourt, France
088-466-342

CZECH REPUBLIC

www.omegaeng.cz

Karviná, Czech Republic
596-311-899

BENELUX

www.omega.nl

Amstelveen, NL
0800-099-33-44



More than 100,000 Products Available!

• Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Glass Bulb Thermometers, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders Relative Humidity Measurement Instruments, RTD Probes, Elements and Assemblies, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples Thermowells and Head and Well Assemblies, Transmitters, Wire

• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters