

Dual Thermocouple and RTD Calibrator

CL543
\$1395



- ✓ Accurate to $\pm 0.2^{\circ}\text{C}$ ($\pm 0.4^{\circ}\text{F}$) with 0.1 or 0.01° Resolution
- ✓ Direct Temperature Input/Output
- ✓ 8 Standard T/C Types Available: J, K, E, T, R, S, B, N, and mV
- ✓ 8 RTD Curves Available in Platinum, Copper, and Nickel
- ✓ Patent-Pending Auto-Detection of 2-, 3-, or 4-Wire Connection Indicator
- ✓ Guaranteed to Work with All Pulsed Instruments
- ✓ Compatible with Devices Using Pulsed Excitation Currents, Including PLCs, DCS, and Recorders
- ✓ Easy Dial Knob Easily Adjusts Output by 0.1°
- ✓ Easy Check Switch for 0 and 100% Span Adjustments
- ✓ Store New Easy Check Values by Pressing the Easy Dial Knob
- ✓ Selectable Auto-Stepping
- ✓ Superior Battery Life of 45 Hours under Typical Continuous Usage
- ✓ NIST-Traceable Calibration Certificate Included

CL543, \$1395.

For Complete Details Visit omega.com/cl543



The OMEGA® CL543 dual thermocouple and RTD calibrator provides direct temperature calibration to instruments such as transmitters, recorders, controllers, alarms, and data acquisition and computer systems. It also reads RTD and thermocouple outputs and displays temperature. Compatible with pulsed systems and transmitters, the CL543 has a patent-pending feature for troubleshooting: the auto-detection of 2-, 3-, or 4-wire connections will tell the user if the wires are correctly connected. The "auto stepping" function offers selectable step sizes and time in-between steps. This calibrator is a superior replacement for decade boxes, eliminating the

lugging around of large equipment and the possibility of misreading RTD tables.

The CL543 offers the highest performance and the most features in its class by exceeding the accuracy and functions of many higher-priced thermocouple and RTD calibrators. It is a low-cost solution for checkout and calibration of all thermocouple and RTD instruments in the field, shop, or control room.

AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

Model No.	Price	Description
CL543	\$1395	Dual thermocouple and RTD calibrator
SC-800	10	Soft carrying case

Comes complete with NIST certification, operator's manual and 9V battery.

Ordering Example: CL543, dual thermocouple and RTD calibrator, \$1395. OCW-2, OMEGACARESM extends standard 3-year warranty to a total of 5 years (\$250), \$1395 + 250 = \$1645.



OMEGACARESM extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARESM covers parts, labor and equivalent loaners.

Recommended Reference Book: Temperature Measurement, GE-1402, \$154 See Section Y For Additional Books





UNITED STATES

www.omega.com
1-800-TC-OMEGA
Stamford, CT.

CANADA

www.omega.ca
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