



Compact, Portable Temperature Calibrator Handheld or Benchtop Calibrator, Unit Weighs 4 kg (9 lbs)



CL-355A,
shown smaller
than actual size.



- ✓ 10 Insert Formats Available
- ✓ 1 Multi-Well Insert Included ($\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$ ")
- ✓ Maximum Operating Temperature of 400°C (752°F)
- ✓ Independent Over-Temperature Cutout
- ✓ Temperature Sensor Burnout Protection
- ✓ NIST-Traceable Calibration Certificate
- ✓ Shoulder Carrying Strap, Mains Cable and Insert Removal Tool

Specifications

Minimum Temperature: 5°C (9°F) above ambient
Maximum Temperature: 400°C (752°F)
Cooling Rate, 400 to 100°C (752 to 212°F): 21 min
Heating Rate, 20 to 400°C (68 to 752°F): 12 min
Independent Over-Temperature Cutout: 450°C (842°F) approx
Fan Cooling: Automatic
Display Resolution: 0.1°
Weight: 4 kg (9 lb)
Insert Immersion Depth: 114 mm (4.5")
Dimensions: 222.25 H x 203.2 W x 203.2 D mm (8.8 x 7.9 x 7.9")
Stability After 15 Min: ±0.15°C (0.27°F)
Display Accuracy: ±0.6°C (1.1°F)
Well to Well Uniformity: 0.015 to 0.025°C (0.027 to 0.045°F)

The CL-355A is a small, light-weight, portable dry block calibrator, that offers fast heat-up and cool-down times with excellent performance specifications at a wide operating temperature range. It's a good choice for standard bench lab work or as a portable field unit.

The unit covers the temperature range from 5°C (9°F) above ambient up to 400°C (752°F) using a large multi-well machined aluminum insert block as the heat transfer medium to the sensors under test. The CL-355A uses the same aluminum inserts as the CL-740A calibrator. See CL-700A series on page K-36 for a list of inserts.

This calibrator is designed to work safely under the following conditions: ambient temperature range: 5 to 40°C (9 to 104°F), up to 95% relative humidity, non-condensing.



Insert removal tool included.

Multi-well insert included.



MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)		
Model No.		Description
CL-355A		Portable block calibrator, 120 Vac
CL-355A-230		Portable block calibrator, 240 Vac

Accessories

Model No.		Description
CL-350A-CASE		Carrying case
GE-2139		Reference Book: Active Contours

Comes with operator's manual, multi-well insert, insert removal tool and power cord.
Ordering Example: CL-355A, portable block calibrator, 120 Vac.

omega.com[®]

Your One-Stop Source for Process Measurement and Control!

One Omega Drive | Stamford, CT 06907 | 1-888-TC-OMEGA (1-888-826-6342) | info@omega.com

www.omega.com



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
Deckenfronn, 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

• [click here to go to the omega.com home page](http://www.omega.com) •