

Compact, Portable Temperature Calibrator

Handheld or Benchtop Calibrator, Unit Weighs 4 kg (9 lb)

CL-355A



- ✓ 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 Included
- ✓ Shoulder Carrying Strap, Mains Cable and Insert Removal Tool Included

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 at trodex.com/cl-700a 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.

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Insert removal tool included.

Multi-well insert included.

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 mm D
(8.8 x 7.9 x 7.9")

Stability After 15 Min: $\pm 0.15^\circ\text{C}$ (0.27°F)
Display Accuracy: $\pm 0.6^\circ\text{C}$ (1.1°F)
Well to Well Uniformity:
0.015 to 0.025°C (0.027 to 0.045°F)

To Order

Model No.	Description
CL-355A	Portable block calibrator, 120 Vac
CL-355A-230	Portable block calibrator, 240 Vac

Accessory

Model No.	Description
CL-350A-CASE	Carrying case for CL-355A

Comes complete with operator's manual, multi-well insert, insert removal tool, NIST certificate, and power cord 1.8 m (6').