

Handheld Digital Calibrator and J/K/T/E Thermometer

- ✓ 8-Point, NIST-Traceable Calibration Certificate
- ✓ Large 3½ Digit Display
- ✓ Type J/K/T/E TC Calibrator and Thermometer
- ✓ Range -220 to 1372°C (-364 to 1999°F)
- ✓ Dual Input T1, T2, T1-T2
- ✓ Hold Function
- ✓ °C/°F Selectable
- ✓ 0.1°/1° Display Resolution Selectable
- ✓ Rugged Case Design with Rubber Boot
- ✓ Backlit LCD Display

CL3512A
\$195



The OMEGA® CL3512A calibrator/thermometer is 2 meters-in-1 at an attractive price. The CL3512A simulates Type J, K, T, and E thermocouple signals. Each signal is adjustable by using the coarse and fine dials. The CL3512A can also be used as a dual Type J, K, T, and E thermocouple input thermometer. Features include a large, 3½ digit backlit display, hold selections, °C/°F, and 0.1°/1°.

Specifications

Thermocouple Type: J, K, T, E

Temperature Range:

Celsius or fahrenheit

Selectable Measurement Ranges:

Type K: -200 to 1372°C (-328 to 1999°F)

Type J: -210 to 1200°C (-346 to 1999°F)

Type T: -200 to 400°C (-328 to 752°F)

Type E: -220 to 1000°C (-364 to 1832°F)

Calibration Range: Same as measurement range

Auto Range: 0.1° to 1° resolution above 199.9 (°C or °F)

Measurement Accuracy: Accuracy is specified for operating temperatures over the range of 18 to 28°C (64 to 82°F) for 1 year, not including thermocouple error

±(0.1% rdg + 1°C) Range: -60 to 1372°C

±(0.1% rdg + 2°C) Range: -60 to -220°C

±(0.1% rdg + 2°F) Range: -76 to 1999°F

±(0.1% rdg + 4°F) Range: -76 to -364°F

Simulation Accuracy: Measurement accuracy plus 1°C

Sampling Rate: 1 time per second

Resolution: 0.1 (to 199.9) or 1°

Display: 3½ digit LCD with a maximum reading of 1999

Polarity: Automatic, positive implied, negative polarity indication

Overrange: (-OL) is displayed

Zero: Automatic

Low Battery Indication: Displayed when the battery voltage drops below the operating level

Operating Environment: 0 to 50° at <80% relative humidity

Storage Temperature: -20 to 60°C, 0 to 80% RH with battery removed from meter

Dimensions: 195 H x 92 W x 53 mm D (7.7 x 3.6 x 2.1")

Weight: Approx 250 g (9 oz) including battery

Battery: 9V (included), life approx 100 hours



2 T/C included.

One Type K retractable cable included.

Batteries included.

KTSS-HH probe, \$29, sold separately. See To Order table below.

ALL MODELS AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

Model No.	Price	Description
CL3512A	\$195	J, K, T, E thermometer/calibrator
CL3512	159	K only thermometer/calibrator

Accessories

Model No.	Price	Description
SC-HH500	\$12.00	Softcase
RSC-J-1-4-4	18.50	J cable (retractable with 2 SMP-M)
RSC-T-1-4-4	18.50	T cable (retractable with 2 SMP-M)
RSC-E-1-4-4	18.50	E cable (retractable with 2 SMP-M)
RSC-K-1-4-4	18.50	K cable, spare (retractable with 2 SMP-M)
88013K	110.00	Surface probe up to 815°C (1500°F)
KTSS-HH	29.00	Immersion probe (shown above)

Comes with one 9 V alkaline battery, rubber boot, NIST certificate, 2 Type K thermocouples, 1 Type K cable and operator's manual.

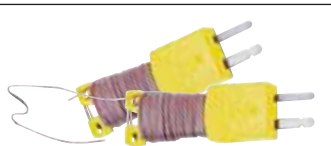
Ordering Example: CL3512A, digital thermometer/calibrator, \$195.

Included!

All CL3512A models include 2 free 0.9 m (36") Type K beaded wire thermocouples with subminiature connector and wire spool caddy.

Order Spares!

Model No. SC-GG-K-30-36, 2/\$30





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• Flow and Level

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• 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