



Low Cost Handheld Digital Calibrator & J/K/T/E Thermometer

- ✓ Large 3½ Digit Display
- ✓ Type J/K/T/E Thermocouple 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
- ✓ Backlight LCD Display

Model CL3512A

£131



The OMEGA® CL3512A calibrator/thermometer is two meters in one at an attractive low price. The CL3512A simulates type J/K/T/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/E thermocouple input thermometer. Features include a large 3½ digit display with backlighting and display selections of HOLD, °C/°F, and 0.1°/1°.

Specifications

Thermocouple Type: J/K/T/E

Temperature Range:

Celsius or Fahrenheit User

Selectable Measurement Ranges:

Thermocouple Range

- K-Type -200 to 1372°C (-328 to 1999°F)
- J-Type -210 to 1200°C (-346 to 1999°F)
- T-Type -200 to 400°C (-328 to 752°F)
- E-Type -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

ALL MODELS AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

Model Number	Price	Description
CL3512A	£131	J, K, T, E Thermometer/Calibrator
CL3512	107	K only Thermometer/Calibrator

Accessories

Model Number	Price	Description
SC-HH500	£8.00	Softcase
RSC-J-1-4-4	12.50	J Cable (retractable with 2 SMP-M)
RSC-TI-1-4-4	12.50	T Cable (retractable with 2 SMP-M)
RSC-E-1-4-4	12.50	E Cable (retractable with 2 SMP-M)
RSC-KI-1-4-4	12.50	K Cable (spare) (retractable with 2 SMP-M)
88013K-IEC	74.00	Surface Probe up to 815°C (1500°F)
KTSS-HH-IEC	19.50	Immersion Probe (Shown above)
CALIBRATION	100.00	Calibration Certificate

Unit comes complete with one 9 V alkaline battery, rubber boot, 2 type K thermocouples, 1 type K cable and operator's manual.

Ordering Example: CL3512A, digital thermometer/calibrator, £131

KTSS-HH Probe sold separately, see To Order

Included!

All CL3512A models include two free 1 m type K beaded wire thermocouples with subminiature connector and wire spool caddy.
Order Spares!
Model No. SC-GG-KI-30-1M, 2/£20

Simulation Accuracy:

Measurement accuracy plus 1°C

Sampling Rate: 1 time per second

Resolution: 0.1 (to 199.9) or 1°

Display: 3½ digit liquid crystal display (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% R.H. 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