

ECONOMICAL HANDHELD DIGITAL CALIBRATOR AND THERMOMETER TYPE J/K/T/E

CL3512A



- Large, 3½ Digit Display
- Measures -220 to 1372°C (-364 to 1999°F)
- Dual Temperature Inputs: T1, T2, T1-T2
- Hold Function
- °C/°F Selectable
- 0.1°/1° Display Resolution
- Rugged Case Design with Rubber Boot
- Backlit LCD

The inexpensive CL3512A calibrator/thermometer is two meters in one. It is both a simulator and a thermometer for type J/K/T/E thermocouple signals. Signals can be adjusted with the coarse and fine dials. Features include a large, 3½ digit display with backlighting and hold and °C/°F functions.

SPECIFICATIONS

Thermocouple Type: J/K/T/E

Temperature Range:

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)

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

Measurement Accuracy: Accuracy is specified for operating temperatures from 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°F) range -76 to 1999°F] ±(0.1% rdg + 2°C) range -60 to -220°C [±(0.1% rdg + 4°F) range -76 to -364°F]

Simulation Accuracy:

Measurement accuracy + 1°C

Sampling Rate: 1/s

Resolution: 0.1 (to 199.9) or 1°

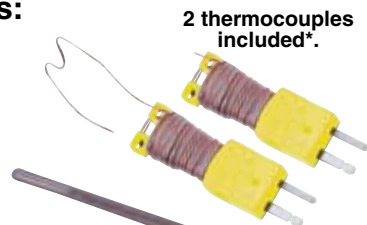
Display: 3½ digit LCD with a maximum reading of 1999

Polarity: Automatic, positive implied, negative polarity indication

Overrange: (-OL) is displayed

Zero: Automatic

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



2 thermocouples included*.



One type K retractable cable included.

Operating Environment:

0 to 50°C (32 to 122°F)

@ <80% RH

Storage Environment:

-20 to 60°C (-4 to 140°F), 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: Approximately 250 g (9 oz)

Battery: 9V (included)

Battery Life: Approx. 100 hr

KTSS-HH probe

Included!

All CL3512A models include two 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

To Order

MODEL NO.	DESCRIPTION
CL3512A	J, K, T, E thermometer/calibrator

ACCESSORIES

MODEL NO.	DESCRIPTION
SC-HH500	Soft case
RSC-J-1-4-4	J cable (retractable with 2 SMP-M connectors)
RSC-T-1-4-4	T cable (retractable with 2 SMP-M connectors)
RSC-E-1-4-4	E cable (retractable with 2 SMP-M connectors)
RSC-K-1-4-4	K cable (spare) (retractable with 2 SMP-M)
88013K	Surface probe up to 815°C (1500°F)
KTSS-HH	Immersion thermocouple probe, Type K

Comes complete with 9V alkaline battery, rubber boot, 2 Type K thermocouples, NIST with 8 points, 1 Type K cable and operator's manual.

Ordering Example: CL3512A, digital thermometer/calibrator.