

Economical Thermocouple Calibrator Source

HH20CAL



- ✓ Inexpensive, Accurate Calibrations
- ✓ Simulate J, K and T Thermocouples
- ✓ Compatible with Wide Variety of Handhelds
- ✓ Accurate to 0.3% of Rdg
- ✓ Up to 0.1° Resolution

The HH20CAL is a compact device that plugs onto a handheld thermocouple thermometer, turning it into a high accuracy thermocouple calibrator. Simply turn the vernier dial on the HH20CAL so that the handheld meter indicates the desired temperature; the user can then calibrate transmitters, panel meters, controllers, or other thermocouple instruments.

The HH20CAL can be used with a wide variety of OMEGA® handheld indicators. The swing-out back support gives extra strength for top-mount units, and swings up to give clearance for front connector units. The male connector on the HH20CAL is fitted with a 2-position slide and is compatible with both single and dual input thermometers.

Specifications

Accuracy: 0.3% rdg +1°C, plus accuracy of indicating thermometer; includes ambient temperature effect

Simulation Output Temperature

Range: -350 to 1372°C
(-350 to 2500°F), overall

Low Range: -212 to 121°C
(-350 to 250°F);

Med Range: 93 to 649°C
(200 to 1200°F);

High Range: 649 to 1371°C
(1200 to 2500°F)

Resolution: Allows tuning to 0.1°C; limited by indicating thermometer

Operating Ambient: 0 to 54°C
(32 to 130°F); less than 80% RH to 35°C (95°F)

Storage Temperature: -34 to 54°C
(-30 to 130°F); less than 80% RH to 35°C (95°F)

Power: 9V battery (included)

Battery Life: 1000 h, alkaline

Dimensions: 127 H x 71 W x 38 mm D
(5 x 2.8 x 1.5")

Weight: 0.23 kg (8 oz)



To Order

Model No.	Description
HH20CAL	J/K/T economical calibrator
CL-300-CABLE-(*)-2	Calibration cable, 0.61 m (2'), PVC insulation, 24 AWG, SMP connector to spade lugs
CL-300-CABLE-(*)-10	Calibration cable, 3 m (10'), PVC insulation, 24 AWG, SMP connector to spade lugs
CL-300-RSC-(*)-2	Calibration cable, 0.61 m (2'), retractable cable, expands to 3 m (10'), SMP connector to spade lugs
MN1604	Replacement 9V battery

Comes complete with 9V alkaline battery and operator's manual.

* Specify calibration: J, K, or T.

Ordering Example: HH20CAL, thermocouple calibrator, CL300-RSC-J-2, 0.61 m (2') retractable cable, for Type J thermocouples.