

# Microprocessor Calibrator Thermometer



Now just **ONE**, single instrument can be used to check the calibration accuracy of the **EIGHT** most common T/C Type devices: **J, K, T, E, C, R, S** and **N**

## 1) Lets you **CALIBRATE TEMPERATURE EQUIPMENT MORE ACCURATELY**

High accuracy calibration function simulates precision thermocouple outputs for use in calibrating thermometers, transmitters, controllers or recorders.

Displays output in terms of millivolts or temperature based on thermocouple tables

4 digit LCD display is easy to read with thermocouple type indication

## 2) Lets you **CHECK TEMPERATURES MORE QUICKLY**

One model for multiple thermocouple types with precision output displayed as mV or °C/°F.

°C/°F switchable for increased versatility

Unique handheld Oyster™ case design features large digital display built into "flip-up" cover automatically shuts off when closed



Thermocouple calibration cables (terminated with subminiature connectors on either side) are standard

### Measurements and Source Ranges:

Type J	-58° to 1830° F	-50° to 1000° C
Type K	-58° to 2498° F	-50° to 1370° C
Type T	-184° to 752° F	-270° to 400° C
Type E	-58° to 1382° F	-50° to 750° C
Type C	32° to 4172° F	0° to 2300° C
Type R	32° to 3182° F	0° to 1750° C
Type S	32° to 3182° F	0° to 1750° C
Type N	-58° to 2372° F	-50° to 1300° C
Voltage	-5.00mV to +55.00mV	10µV

Five stored calibration values for fast calibrations

115 Volt



1 Year Warranty

**Resolution:** 0.1°/1° resolution for J, K, T and E Types; 1° for C, R, S and N Types

**Accuracy:** 0.15% of reading ±1°

**Input Impedance:** 10 Mohm

**Display Update:** 4 times per second

**Cold Junction Compensation:** 0.03°C/°C (0.02°F/°F)

**Battery:** Operates on alkaline batteries, rechargeable batteries or AC adaptor

**Dimension:** 3.8 x 4.2 x 1.8" (96 x 108 x 45mm)

**Weight:** 17 oz

## Item #137047

Includes: Type K Thermocouple calibration cable, Copper calibration cable, Rechargeable 9V Nickel Hydride battery, neck strap for "hands-free" operation, AC adaptor/recharger and hard carrying case.

# \$423.95

#142801 Calibrator Thermometer with NIST Certificate ..... \$551.20

**IN STOCK — Order Today!**

Oyster™ is a trademark of Extech Instruments Corporation



[www.imscompany.com](http://www.imscompany.com) | phone order toll-free (USA & Canada) **1.800.537.5375**

fax order toll-free (USA & Canada) | phone order toll-free (Mexico) | tech support toll-free (USA & Canada) | e-mail  
**1.888.288.6900** | **001.888.304.1307** | **1.866.467.9001** | [sales@imscompany.com](mailto:sales@imscompany.com)

