

# Oyster<sup>®</sup> Multifunction Process Calibrator

## Precision Source and Measure

For thermocouples (Types J, K, and T), mA, mV, and V devices

### Features:

- Single/continuous step function for Voltage and Current
- Self-contained 24V loop power supply drives current loads up to 1000Ω
- Memory for 5 user settable output values of each type for fast calibrations



Includes six AA batteries, test leads with alligator clips, temperature calibration cable with spade lug connector, carrying case, neckstrap, and 100-240V Universal AC adaptor (50/60Hz)

Specifications	Range	Accuracy (of reading)
<b>DC Source</b>		
Current	0 to 24mA, -25% to +125%	±(0.075% + 1 digit) or ± 3 digits, whichever is greater
Voltage	0 to 10V	±(0.075% + 1 digit) or ± 3 digits, whichever is greater
Type J	-50 to 1000°C (-58 to 1830°F)	±(0.15% + 1°C or 1.8°F)
Type K	-50 to 1370°C (-58 to 2498°F)	±(0.15% + 1°C or 1.8°F)
Type T	-120 to 400°C (-184 to 752°F)	±(0.15% + 1°C or 1.8°F)
Loop Power	24V	±(10µV ± 1 digit)
Max. Load	1000 @ 24mA	
<b>DC Measure</b>		
Current	0 to 50mA, -25% to +230%	±(0.075% + 1 digit) or ± 3 digits, whichever is greater
Voltage	0 to 20V	±(0.075% + 1 digit) or ± 3 digits, whichever is greater
Type J	-50 to 1000°C (-58 to 1830°F)	±(0.15% + 1°C or 1.8°F)
Type K	-50 to 1370°C (-58 to 2498°F)	±(0.15% + 1°C or 1.8°F)
Type T	-120 to 400°C (-184 to 752°F)	±(0.15% + 1°C or 1.8°F)
Dimensions/Weight	96 x 118 x 45mm (3.8 x 4.7 x 2.0") /340g (12oz)	

### Ordering Information:

412400 .....Multifunction Calibrator

