



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Oyster[®] Multifunction Process Calibrator

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

Features:

- Source 0 to 24mA with 0.01mA resolution
- Measure 0 to 50mA (0.1mA resolution)
- Select Type J, K, or T thermocouple for precision calibrations in °F/°C or mV
- Output 0 to 1999mV or 0 to 10.00V
- Measure 0 to 19.99V
- 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



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

Specifications	Range	Accuracy (of reading)
DC Source		
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	-58 to 1830°F (-50 to 1000°C)	±(0.15% + 1.8°F or 1°C)
Type K	-58 to 2498°F (-50 to 1370°C)	±(0.15% + 1.8°F or 1°C)
Type T	-184 to 752°F (-120 to 400°C)	±(0.15% + 1.8°F or 1°C)
Loop Power	24V	±(10μV ± 1 digit)
Max. Load	1000 @ 24mA	
DC Measure		
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	-58 to 1830°F (-50 to 1000°C)	±(0.15% + 1.8°F or 1°C)
Type K	-58 to 2498°F (-50 to 1370°C)	±(0.15% + 1.8°F or 1°C)
Type T	-184 to 752°F (-120 to 400°C)	±(0.15% + 1.8°F or 1°C)
Dimensions/Weight	3.8 x 4.7 x 2.0" (96 x 118 x 45mm)/12oz (340g)	

Ordering Information:

- 412400Multifunction Calibrator
- 412400-NIST412400 with NIST Certificate