

Current & Voltage Calibrators/Meters

Precision “source” for calibrating process devices and measuring DC process signals from 0 to 24mA and 0 to 10V

Features:

- 24VDC drives current loads up to 1000Ω
- Five preset calibration values for fast calibration
- High accuracy 0.075%
- Oyster case with “flip-up” display is ideal for handheld or benchtop applications
- Large LCD displays readings in mA (to 0.01mA) or as a percentage of the 0-24mA range (4-20mA = 0-100.0%) or as mV in voltage ranges
- Complete with 9V battery, calibration cable with spade lug terminals, carrying case, and AC Adaptor (110V AC adaptor included; 220V and 240V AC adaptors are optional)



Applications:

- Setup and calibration of process devices such as transducers, indicators, recorders and controllers
- Troubleshooting and Field service
- Product design



Measurements	Range	Resolution
Operating Modes		
Source	Output 0 to 24mA current for loads up to 1000 ohms Output 0 to 10V (412355A only)	
Measure	0 to 50mA current signal 0 to 19.99V (412355A only)	
Power/Measure	Provides power (24VDC) to loop & measures current (412300A only)	
Input/Output Ranges and Display		
	-25.0 to 125.0% (representing 0 to 24mA)	0.1%
	0 to 19.99 mA	0.01 mA
	0 to 24.0 mA	0.1 mA
	0 to 1999 mV	1 mV
	0 to 10.00 V	10 mV
Accuracy	0.075% ±1 digit	
Power	9V battery or AC adaptor	
Dimensions	3.8x4.2x1.8" (96x108x45mm) folded	
Weight	12 oz (340g)	

Two Models:

Model 412355A

Current + Voltage Calibrator provides adjustable 0 to 24mA and 0 to 10V calibration source

Model 412300A

Current Calibrator provides 0 to 24mA output displayed as mA or % and will Power and measure a two-wire current loop

Ordering Information:

- 412300A**.....Oyster Current Calibrator
- 412300A-NIST**Oyster Current Calibrator w/ NIST Certificate
- 412355A**.....Oyster Current + Voltage Calibrator
- 412355A-NIST**Oyster Current + Voltage Calibrator w/ NIST Certificate
- 149210**.....220V AC Adaptor
- 149240**.....240V AC Adaptor