

EXTECH[®] INSTRUMENTS Product DATASHEET

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 and calibration cable with spade lug terminals. Optional AC Adaptor

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 0-24mA current for loads up to 1000 ohms Output 0-10V (412355A only)	
Measure	0-50mA current signal 0-19.99V (412355A only)	
Power/Measure	Provides power (24VDC) to loop & measures current (412300A only)	
Input/Output Ranges and Display		Resolution
	-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	0.025% ±1 digit	
Power	9 volt battery or optional AC adaptor	
Dimensions	3.8x4.2x1.8" (96x108x45mm) folded	
Weight	12 oz (340g)	

Two Models:

Model 412355A

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

Model 412300A

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

