

Current & Voltage Calibrators/Meters

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

Features:

- High accuracy 0.075%
- Drives current loads to 350Ω
- Oyster case with "flip-up" display is ideal for handheld or benchtop applications
- Automatic shut-off when cover is closed
- Large 3-1/2 digit display
- 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
- Dimensions: 3.8x4.2x1.8" (96x108x45mm) folded. Weight 12 oz (340g)

Applications:

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



| Measurements | Range | Resolution | Basic Accuracy (Full Scale) |
|-----------------------------------------|------------------------------------------------------------------------------|-------------------|-----------------------------|
| Operating Modes: | | | |
| Source: | Output 0-24mA current for loads up to 350 ohms Output 0-10V (412355 only) | | |
| Measure: | 0-50mA current signal 0-19.99V (412355 only) | | |
| Power/Measure: | Provides power (12VDC) to loop & measures current(412300 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 | | |



Two Models:

Model 412355

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

Model 412300

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

Ordering Information:

- 412300.....Oyster Current Calibrator
- 412300-NIST ..Oyster Current Calibrator w/ NIST Certificate
- 412355.....Oyster Current + Voltage Calibrator
- 412355-NIST ..Oyster Current + Voltage Calibrator w/ NIST Certificate
- 149118.....117 VAC Adaptor
- 149231.....220 VAC Adaptor
- 140000.....Hard Vinyl Carrying Case