Current & Voltage Calibrators/Meters

Precision “source” for calibrating process devices
And measuring DC process signals from 0 to 24mA and 0 to 20V

Features:
- Upgraded models now feature super large LCD display and touch keypad
- LCD displays readings in mA or as a % of the 0 to 24mA range or as mV in voltage ranges
- Five stored calibration values for fast calibrations
- 412355A Current + Voltage Calibrator provides adjustable 0 to 24mA and 0 to 20V calibration source
- 412300A Current Calibrator provides 0 to 24mA output displayed as mA or % and provides 24VDC power to measure a two-wire current loop
- Complete with 9V battery, calibration cable with spade lug terminals, carrying case, and 100V-240V AC Universal Adaptor (50/60Hz)

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

Includes:
- 9V battery, calibration cable with spade lug terminals, carrying case, and 100V-240V AC Universal Adaptor (50/60Hz)

Ordering Information:
- 412300A .................. Current Calibrator/Meter
- 412300A-NIST .......412300A with NIST Certificate
- 412355A .............. Current & Voltage Calibrator/Meter
- 412355A-NIST ....412355A with NIST Certificate

Measurements
Source
Output 0 to 24mA current for loads up to 1000 ohms
Output 0 to 20V (412355A only)

Measure
0 to 50mA current signal
0 to 19.99mA (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 19.99mA 0.01mA
0 to 1999mV 1mV
0 to 20.00V 10mV

Accuracy
0.075% ±1 digit

Power
9V battery or AC adaptor

Dima/WT
3.8 x 4.2 x 1.8” (96 x 108 x 45mm) folded/ 12oz (340g)