

# RUGGED, HANDHELD PROCESS CALIBRATORS

**Ω OMEGA®**

## PORTABLE VOLTAGE AND CURRENT CALIBRATORS

- ✓ Backlighted Display for Visibility in Low-Light Areas or at Night
- ✓ Midrange Key Sets
- ✓ Output to 1V, 10V, or 10 mA Depending on Preselected Range
- ✓ Built-In 20V Supply for Driving Current Loop
- ✓ 2 Modes of Operation (Source and Simulate)

### PCL422A

PCL422A shown smaller than actual size, comes complete with lead set, soft carrying case, 9V battery and operator's manual.



## SPECIFICATIONS

**Accuracy:** 0.05% FS  
**Ranges:** 0 to 19.99 mA, 0 to 1.999V, 0 to 19.99V  
**Operating Temperature:** -18 to 40°C (0 to 104°F)  
**Temperature Stability:** 50 ppm/°C  
**Power:** 9V battery (included)  
**Weight:** 340 g (12 oz)  
**Dimensions:** 145 x 80 x 36 mm (5.7 x 3.15 x 1.43")

### PCL401

PCL401 shown actual size, comes complete with 203 mm (8") leads with alligator clips, 9V battery and operator's manual.



OMEGACARE<sup>SM</sup> extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARE<sup>SM</sup> covers parts, labor and equivalent loaners.



## MINIATURE LOOP CALIBRATORS

- ✓ 5 Precalibrated Settings: 4, 8, 12, 16, and 20 mA
- ✓ Easy One-Handed Operation

### Two Operating Modes

1. **Source:** Unit Controls Loop Current and Provides Loop Excitation Up to 30 Vdc
2. **Simulate:** Unit Controls Loop Current Using External Loop Power Supply

## SPECIFICATIONS

**Accuracy:** ±0.075% FS  
**Temperature Stability:** 100 ppm/°C  
**Internal Power:** 9V battery (included)  
**External Power:** Up to 30 Vdc maximum  
**Max Loop Resistance:** 300 Ω  
**Operating Temperature:** -18 to 49°C (0 to 120°F)  
**Power:** 9V battery (included)  
**Battery Life:** >25 hr  
**Dimensions:** 97 H x 61 W x 25 mm D (3.8 x 2.4 x 1.0")  
**Weight:** 227 g (8 oz)

INSTRUMENTATION

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