EXTECH INSTRUMENTS

PRODUCT DATASHEET

PRC10 & 15 Current & Voltage Calibrators/Meters







Precision "source" for calibrating process devices.

Applications include:

- Process devices calibration and simulation
  - Transducers
  - Transmitters
  - Indicators
  - Controllers
  - Recorders
- Field test and service
- Bench research/development

Common Features

- Palm-sized double molded housing and large dot-matrix digital backlit LCD
- Measures DC process signals
- Standard banana I/O ports
- Large battery bank for extended work cycle
- Up to five user adjustable calibration presets
- External power adapter for continuous work cycle

- **Model PRC10** Additional Features
  - 0 to 24mA (-25 to 125%)
  - 24V DC power source for 2-wire current loop
- **Model PRC15** Additional Features
  - 0 to 24mA (-25 to 125%)
  - 0 to 20V DC calibration source

Specifications	Range	
Source	Output 0 to 24mA current for loads up to 1000 ohms (-25% to 125%); Output 0 to 20V (PRC15 only)	
Measure	0 to 50mA current signal (-25 to 230%); 0 to 19.99V (PRC15 only)	
Power/Measure	Provides power (24VDC) to loop & measures current (PRC10 only)	
Input/Output	**Ranges and Displays**	**Resolution**
	0 to 19.99mA	0.01mA
	0 to 24.0mA	0.1mA
	0 to 1999mV	1mV
	0 to 20.00V	10mV
Accuracy	0.01% ±1 digit	
Meter Dims (LxWxH)	6.3" x 3.2" x 1.7" (159 x 80 x 44mm)	
Meter Wt	8.2oz (232g) - not including battery weight	

Ordering

PRC10 .....Current Calibrator/Meter
PRC10-NIST .....PRC10 with Certificate of Calibration Traceable to NIST
PRC15 .....Current & Voltage Calibrator/Meter
PRC15-NIST .....PRC15 with Certificate of Calibration Traceable to NIST



Each meter includes test leads, alligator clips, 100V-240V AC Universal Adaptor with 4 plugs, six 1.5V AA batteries, and hard carrying case

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