

# PCAL200 DC Voltage and Current Source

Precision Calibrator provides 0.05% accuracy for voltage and current source outputs

## Features:

- Versatile current span adjustment:** Easily adjust the current span from 0-20mA/4-20mA with percentage readout
- Dynamic output functions:** Choose between automatic sawtooth or triangular output current step functions
- DC voltage range:** 0 to 10V DC with fine resolution
- Built-in functions:** Flashlight, Auto Power Off, Lo Battery Indicator
- Traceable Calibration Assurance:** optional model complete with a Certificate of Traceability to N.I.S.T
- Complete with:** test leads, (3) AA batteries, spare fuses, and a latch key for battery compartment



## Specifications

Source	Range (Resolution)	Accuracy
DC Voltage	10V (0.001V)	$\pm(0.05\% + 2mV)$
DC Current	30mA (0.001mA)	$\pm(0.05\% + 4\mu A)$
Maximum Load	1000Ω @ 20mA	
Power	(3) AA batteries (included)	
Dimensions	7 x 3.5 x 2" (178 x 89 x 51mm)	
Weight	1lbs (454g)	

## Applications:

The PCAL200 TDC Voltage and Current Source is a versatile tool suitable for various applications in fields such as electronics testing, calibration, research, and development. Here are some specific applications:

- **Calibration Labs**
- **Process Control**
- **Electronic Circuit Testing**
- **Instrumentation Development**
- **Sensor Testing and Validation**
- **Automated Test Systems**
- **Educational Laboratories**
- **Research and Development**
- **Battery Testing**
- **LED and Lighting Testing**

## Ordering Information:

PCAL200

DC Voltage and Current Source

PCAL200-NIST

PCAL200 including Certificate of Traceability to NIST

