

# 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)                   | $\pm(0.05\% + 2\text{mV})$   |
| DC Current   | 30mA (0.001mA)                 | $\pm(0.05\% + 4\mu\text{A})$ |
| Maximum Load | 1000 $\Omega$ @ 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

