

# PRECISION CURRENT LOOP CALIBRATOR

## WITH SOURCE, SIMULATE AND READ MODES

TRODEKS®

CL110



- ✓ Best in Class Accuracy at 0.01% of Reading
- ✓ Small Rugged Design Operates on 6 “AAA” Batteries (Included)
- ✓ 24 Vdc Loop Power for mA Measure Mode
- ✓ Intuitive Interface with Quick-Set Knob
- ✓ Simple 2 Wire Connection for All Measurements
- ✓ Auto Shutdown to Conserve Battery Life (Adjustable up to 30 Minutes)
- ✓ Variable Step and Ramp Functions in Seconds
- ✓ Adjustable Span Selection (0 to 20 or 4 to 20 mA)

The CL110 is a precision loop calibrator that features a user friendly interface with dedicated buttons and a quick set knob. This combination dramatically reduces the time it takes to measure or source current and power up a loop. The rugged case is contoured to fit a technicians hand and the large backlit graphics LCD is easy-to-read in any lighting.



CL110, shown smaller than actual size.

### SPECIFICATIONS

**Functions:** mA source, simulate, read or read with loop power, voltage read only

**Ranges:** 0 to 24 mA, 0 to 30 Vdc (read only)

**Resolution:** 1 uA on mA range and 1 mV on voltage range

**Accuracy:** ±0.01% rdg +2 LSD all ranges (@23 ±5°C)

**Operating Temperature:** -10 to 55°C (14 to 131°F)

**Temperature Effect:** 20 ppm/°C from -10 to 18°C and 28 to 55°C

**Humidity Range:** 10 to 95% non-condensing

**Display:** 128 x 64 pixel LCD graphic display with backlight, 9 mm (0.34") high digits

**Power:** 6 “AAA” batteries (alkaline, lithium or NiMH) included

**Battery Life:** > 40 hours continuous (measure mode using alkaline)

**Loop Compliance Voltage:** 24 Vdc @ 20 mA

**Over-Voltage Protection:** 240 Vac

**Overload Current Protection:** 28 mA DC

**Dimensions:** 150 L x 90 W x 30 mm D (6 x 3.6 x 1.3")

**Weight:** 0.3 kg (9.5 oz)

To Order	
MODEL NO.	DESCRIPTION
CL110	Precision loop calibrator
CL110-CC	Soft carrying case for CL110

Comes complete with test leads, 6 “AAA” batteries, calibration certificate and operator’s manual.  
**Ordering Example:** CL110 precision loop calibrator with CL110-CC optional soft carrying case.