

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: $\pm 0.01\%$ rdg $+2$ LSD all ranges (@ $23 \pm 5^\circ\text{C}$)

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

Temperature Effect: 20 ppm/ $^\circ\text{C}$ 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.