

PRECISION CURRENT LOOP CALIBRATOR

WITH SOURCE, SIMULATE AND READ MODES



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.



OMEGACARESM extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARESM covers parts, labor and equivalent loaners.



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 Visit omega.com/cl110 for Pricing and Details	
MODEL NO.	DESCRIPTION
CL110	Precision loop calibrator
CL110-CC	Soft carrying case for CL110

Comes complete with test leads, 6 “AAA” batteries, NIST calibration certificate and operator’s manual.

Ordering Example: CL110 precision loop calibrator with CL110-CC optional soft carrying case.

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