

Model CLH-II mA Loop Calibrator



DISCONTINUED PRODUCT

Model CLH-II

\$550

Includes carrying case



Shown larger
than actual size

- ✓ Sources and Reads Milliamps
- ✓ Simulates 2-Wire Transmitters
- ✓ Powers and Reads 2-Wire Transmitters
- ✓ Reads and Simulates DP-transmitters in Percent Flow

- ✓ Fixed Calibration Currents
- ✓ Auto-Stepping for Hands-Free Calibration
- ✓ Auto-Ramp Cycling for Endurance Tests
- ✓ Fixed Currents for Valve Stroking

mA Loop Calibrator, Model CLH-II

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Specifications

Output Range: 0 to 21.00 mA

Input Range: 0 to 21.00 mA

Accuracy: 0.05% of range

Resolution: 10 microamps

Temperature Effect: 0.003%/°C, 0.0015%/°F

Internal Loop Power: 24 Vdc stabilized

External Loop Power: 56 Vdc max.

Measurement Input: 12 ohms including fuse

Drive Capability : 900 ohms

Operating Temp.: -10 to 50°C (14 to 122°F)

Battery Life:

Sources; 12 mA; 13 hours

Measures; 64 hours

Batteries: 1.5 V, 4 x R6, AA (Penlite) included

Loop Mismatch: Flashes "LOOP"

Low Battery: Flashes "LOBAT"

Overrange: Flashes "EEEE"

Reversed Polarity: Flashes "POL"

Adaptor Line/6 Vdc: Model number CLHPS 110V/60Hz

Housing: High impact ABS

Size: 77 x 124 x 21 mm (3 x 5 x 0.83")

Weight: 285 g (9 oz), Including batteries

CLH-II can power (24 Vdc) and read 2-wire transmitters to perform field calibration. Output currents are adjustable with a 10 microamp resolution in both source and transmitter simulation mode.

FIXED STEPS: The calibrator can source or simulate fixed calibration currents to test or calibrate receivers and to stroke valves. Different current levels are obtained from a menu.

4-20mA lin	4	-	8	-	12	-	16	-	20mA
0-20mA lin	0	-	5	-	10	-	15	-	20mA
4-20mA sq.rt (flow)	4	-	5	-	8	-	13	-	20mA
0-20mA sq.rt (flow)	0	-	1.25	-	5	-	11.25	-	20mA
4-20mA valve	3.8	-	4	-	4.2	-	12	-	19 - 20 - 21mA

Output currents can be changed manually or automatically. Time between steps is 10 seconds in the auto-stepping mode. In the valve series, auto-stepping will be:

3.8	-	4	-	4.2	or	19	-	20	-	21mA
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RAMPING: The calibrator can source or simulate with high resolution a continuous up/down cycling between 4 and 20 mA or 0 and 20 mA. The travel time between limits is 60 seconds.

READING IN PERCENT: The calibrator can display readings in percent of a 4-20 mA or 0-20 mA span. Unit also reads or simulates dP-transmitters directly in percent of flow.



DISCONTINUED PRODUCT

To Order (Specify Model No.)

Model Number	Price	Description
CLH-II	\$450	mA Loop Calibrator
CLHPS	45	110V/60Hz power adaptor

Ordering example: CLH-II, mA loop calibrator, \$450.

CLH-II includes: carrying case, set of batteries, instruction guide and spare fuse.



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