



mV / mA Loop Calibrator

mV / mA



Application

Ideal for calibrating indicators, controllers, transmitters, receivers and mA / mV measuring instruments.

Features

- Alpha Numeric Display
- Microcontroller Based
- Loop Power Supply for Transmitters
- Simulation and Measurement of mV / mA
- Sink facility in mA mode
- Feather Touch Key Pad



Test Leads

Charger

Current Terminal Input

Protection	: Fuse: 100mA / 250V
Backlight	: LED backlight
Power supply	: Li-ion Rechargeable Battery
Low Battery Indicator	: Yes
Battery backup	: 40 hours @ no load condition 11 hours @ 20mA with 850 ohm load
Loop power supply	: 24V \pm 10%
Operating Temperature	: 10 to 50°C
Instrument Casing	: ABS Plastic
Instrument Dimensions	: 180 mm x 110 mm x 35 mm (LxWxD)
Instrument Weight	: 350 gms

Specification

MEASURE Mode

FACILITY	RANGE	RESOLUTION	ACCURACY ¹
mA	0 to 25	0.001 (mA)	\pm 0.025% of Reading + 10 μ A
mV	0 to 200	0.001 (mV)	\pm 0.025% of Reading + 10 μ V

SOURCE Mode

FACILITY	RANGE	RESOLUTION	ACCURACY ¹
mA ²	0 to 25	0.001 (mA)	\pm 0.025% of Reading + 10 μ A
mV	0 to 200	0.01 (mV)	\pm 0.025% of Reading + 50 μ V

Note 1: Accuracy specifications include effect of non-linearity, hysteresis and repeatability at 23 \pm 5°C

Note 2: Maximum load 850 ohms

Standard Delivery

1. Instrument : 1 no.
2. Carrying Pouch : 1 no.
3. Test Lead (2 wire) : 2 nos.
4. Charger : 1 no.
5. User Manual : 1 no.
6. Traceable Calibration Certificate

Optional

1. Accredited (NABL) Calibration Certificate as per ISO/IEC 17025 Standard
2. Table top Design

Manufacturer of
**TEST BENCHES
CALIBRATION INSTRUMENTS**

**ISO 9001
Certified Company**

www.rndinstruments.com

Contact

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ACCREDITED CALIBRATION LABORATORY

As per ISO / IEC 17025

**THERMAL
MECHANICAL
ELECTROTECHNICAL**

www.calibrationlab.in