

Loop Calibrator

Part No. 0130C

- 24 volt internal loop supply
- Auto Step and Auto ramp modes; no need for external mA meter
- Simultaneous mA and % read out for quick, easy interpretation of reading
- 1 μ A resolution for mA source, simulate and measure
- 25% step button for quick linearity tests
- Large 4 1/2 digit 20,000 count LCD display
- Encoder dial for easy one handed operation



30C



mA Source Display



Loop Power Display



Voltage Source Display



Voltage Measure Display



Simulator Display

SPECIFICATIONS

Measurements:

Voltage:

Ranges: 2, 20, 50Volts

Best Resolution: 100 μ V

Accuracy: $\pm(0.05\% + 5d)$

Overload Protection: 100VDC or AC peak

Current:

Ranges: 2mA and 20mA

Accuracy: $\pm(0.05\% + 5d)$

Best Resolution: 0.1 μ A

Sourcing

Current:

Range: 4 to 20mA (Values from 0 to 24mA maybe obtained through overlapping)

Accuracy: $\pm(0.025\% + 5d)$

Loop power: 24V

Voltage

Range: 2V and 20V

Accuracy: $\pm(0.05\% + 5d)$

TX simulator

Type: 2-wire transmitter simulation

External Excitation Voltage: 3V min to 50V max

Simulation current: 4 to 20mA (Values from 0 to 24mA maybe obtained through overlapping)

Output current Ramp:

Range: 4mA to 20mA

Ramp Times: 5s, 20s, 50s

General Specifications:

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

Power: (1) 9V ANSI/NEDA 1604 battery

Size: 7.0" (H) x 3.5"(W) x 1.5" (D)

Weight: 10.5 oz

Accessories: Test Leads, Instruction manual, carrying case and 9 Volt battery