

# 4 – 20 mA Loop SIMULATOR

RS 180–7082

**OPERATION  
MANUAL**

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### 1. FEATURES

- \* Compact Lightweight casing.
- \* The 4 –20 mA Simulator is a Portable instrument, ideal for general purpose signal injection.
- \* The instrument can be used as a precision "source" for re-calibrating process indicators and controllers.
- \* Compact case features push button range selector switch for one hand operation. Bright red LEDs indicate simulation range.
- \* Easy operation. Simply plug the calibration lead to your device. Switch the unit on, select the desired range and read the displayed value on your device. If the displayed value is the same as the simulated, then your device is in calibration.

## 2. SPECIFICATIONS

Simulated ranges : 4mA, 12mA and 20 mA.

Accuracy :  $\pm 0.2\text{mA}$ .

Overload Check : LED overload indicator.

### *\* Overload Resistance*

Range	Load(max)
4 mA	2.5 k ohm
12 mA	750 ohm
20 mA	430 ohm

Operating Temperature : 0 to 50 °C.

Battery Type : 9V MN1604(PP3) or equivalent.

Battery Life : Approx. 10 hours for Alkaline Batteries.

Low Battery Check : LED "LOW BATT" indicator.

Standard Accessories : Calibration lead terminated  
with spade lugs..... 1 PC.  
Operation manual..... 1 PC.