**Model CSG**

**Current/Voltage Signal Generator**

**Ramp Function, Large Numeric LCD Display**

The pocket size CSG Current and Voltage Signal Generator is an ideal tool for troubleshooting transmitters, transducers, motors, and actuators. The unit generates a 0 to 10 VDC signal in increments of 1 volt or a 0 to 20 mA signal in increments of 1 mA. The Model CSG features a large LCD display with a blue backlight for use in dimly lit areas. The Model CSG continuously ramps the output using user selected minimum, maximum, and ramp interval timing parameters. Units are furnished with a battery, 120 VAC plug-in power supply, test leads with alligator clips, carrying case, and instruction manual.

**FEATURES**
- Large backlit display
- Timed ramp function
- Auto power off

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**SPECIFICATIONS**

- **Impedance:** Voltage: 1000 Ω min. Current: 300 Ω max.
- **Output:** 0 to 20 mA (1 mA increments); 0-10 VDC (1 VDC increments).
- **Resolution:** 1 mA (current); 1 VDC (voltage).
- **Ramping Time Intervals:** 1 to 20 s (1 s increments).
- **Ambient Operating Temperature:** 32 to 122°F (0 to 50°C).
- **Power Requirements:** 9 V alkaline battery, included, user replaceable or 120 VAC (provided).
- **Auto Power Off:** 1 to 20 min.
- **Electrical Connections:** 6’ (1.8 m) with alligator clips.
- **Weight:** 6 oz (170 g).

Model CSG, Current/Voltage Signal Generator ........................ $159.00

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**Model ASG**

**Analog Signal Generator**

**Ramp Function, Bar Graph LED, Selectable Auto Shut Off**

The pocket size model ASG Analog Signal Generator is an ideal tool for troubleshooting transmitters, transducers, motors, and actuators. The unit generates a 0 to 10 VDC signal in increments of 1 volt or a 0 to 20 mA signal in increments of 2 mA. An LED bar graph visually indicates analog signal level. The model ASG will also continuously ramp to user defined max and min values with user defined ramp interval timing. Units are furnished with 6’ (1.8 m) leads with alligator clips, 120 VAC plug in adapter protective carrying case and instruction manual.

**SPECIFICATIONS**

- **Impedance:** Voltage: 1000 Ω min. Current: 300 Ω max.
- **Output:** 0 to 20 mA (2 mA increments); 0 to 10 VDC (1 VDC increments).
- **Resolution:** 2 mA (current); 1 VDC (voltage).
- **Ramping Time Intervals:** 2 to 20 sec (2 sec increments).
- **Ambient Operating Temperature:** 32 to 122°F (0 to 50°C).
- **Power Requirements:** 9 V alkaline battery, installed functional, user replaceable or 120 VAC (provided).
- **Auto Shutoff Times:** 2 to 20 min. (2 min. increments) (6 minute default).
- **Electrical Connections:** 6’ (1.8 m) with alligator clips.
- **Weight:** 3.2 oz (without battery).
- **Agency Approvals:** CE.

Model ASG, Analog Signal Generator ................................. $159.00