The **Model CSG Current/Voltage Signal Generator** generates a 0 to 10 VDC signal in increments of 1 V or a 0 to 20 mA signal in increments of 1 mA. The large LCD features a blue backlight for use in dimly lit areas. Model CSG continuously ramps the output using the user selected minimum, maximum, and ramp interval timing parameters.

**FEATURES/BENEFITS**
- Large backlit LCD for visibility in dark areas
- Timed ramp function
- Auto shut-off to conserve battery life

**APPLICATIONS**
- Troubleshooting transmitters and transducers
- Configuring panel meters

**SPECIFICATIONS**
- Impedance: Voltage: 1000 Ω min; Current: 300 Ω max.
- Output: 0 to 20 mA (1 mA increments); 0 to 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).

<table>
<thead>
<tr>
<th>MODEL CHART</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
</tr>
<tr>
<td>CSG</td>
</tr>
</tbody>
</table>

**MODEL ASG**

The **Model ASG Analog Signal Generator** generates a 0 to 10 VDC signal in increments of 1 V or a 4 to 20 mA signal in increments of 2 mA. An LED bar graph visually indicates the analog signal level. Model ASG will also continuously ramp to user defined maximum and minimum values with user defined ramp interval timing.

**FEATURES/BENEFITS**
- LED bar graph for visibility in dark areas
- Variable ramp function timing
- Auto shut-off to conserve battery life

**APPLICATIONS**
- Troubleshooting transmitters and transducers
- Calibrating transducers, displays, and other analog signal devices

**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 min. default).
- Electrical Connections: 6’ (1.8 m) with alligator clips.
- Weight: 3.2 oz (without battery).

<table>
<thead>
<tr>
<th>MODEL CHART</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
</tr>
<tr>
<td>ASG</td>
</tr>
</tbody>
</table>