

# Ozone Generators SOG

## Description

Ozone generators produce a continuous stream of ozone, providing a stable source for water purification and air pollution studies. They operate using proven PEN-RAY UV lamps.

SOG ozone generators use a removable PEN-RAY lamp embedded in the generator housing.



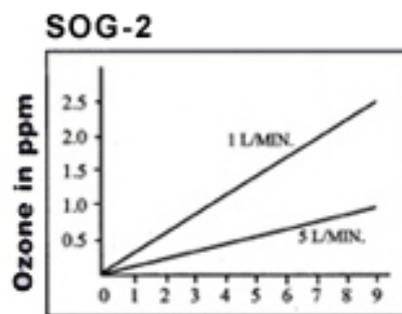
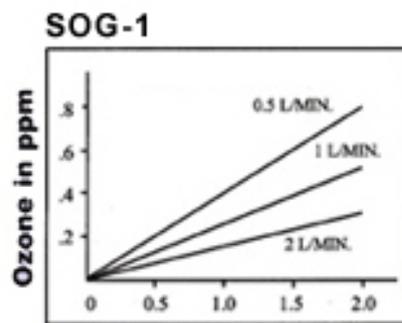
Ozone Generator with PEN-RAY lamp

## Applications

- Water purification
- Air pollution monitoring
- Aging tests
- Oxidation tests
- Calibration of ozone analyzers

## Features

- The stable ozone generator utilizes the photochemical reaction of oxygen under shortwave (185nm) UV to produce a continuous flow of ozone
- A power supply included with all models, feeds reliable and stable power to the lamps providing uniform ozone generation
- A stable source for: Instrument development and oxidizers for aging and oxidizer testing of materials



## Models

| Model | Order No. | Volts | Ozone Production     | Lighted Length | Suitable Power Supply |
|-------|-----------|-------|----------------------|----------------|-----------------------|
| SOG-1 | 110.7000  | 220 V | 0.8 ppm @ 0.5 L/min. | 5.38 mm        | PS-1<br>99-0055-01    |
| SOG-2 | 110.7001  | 220 V | 3.0 ppm @ 1.0 L/min. | 228.6 mm       | PS-4<br>99-0004-02    |