

Lab Ozone Generator

750 mg/hr Ozone Generator

The AC-500G is perfect for research & lab applications where pure oxygen/ozone gas is required. This ozone generator uses all PTFE and quartz materials. The oxygen feed gas will never touch any metal surfaces allowing for the purest gas stream possible. With two connections it ensures simple and quick hook-up. It is usable upon installation and is as simple to use as flipping a switch.



Features

- Provides pure ozone/oxygen gas
- Only quartz and PTFE are used
- Simple use and installation
- Wall Mountable
- Can run on dry air or oxygen
- Light Weight
- Compact size fits in almost any area

Product ID: **AC-500G**

Stock: **Yes**

Price: **\$635.00**

Specifications

Process Gas:	Dry air or oxygen required
Ozone Production:	750 mg/hr @ 1/lm of oxygen
Ozone Generation cell:	Double Quartz tube, oxygen is never in contact with any metal
Cooling System:	Self Cooled
Inlet/Outlet:	1/4-in Kynar barb fittings
Power Required:	110V/60Hz
Power Consumption:	26 WATTS
Dimensions:	11 x 6 x 4-in (HxWxD) 28 x 15 x 10-cm
Weight:	5-lbs (2.3-kg)

AC-500G Controls

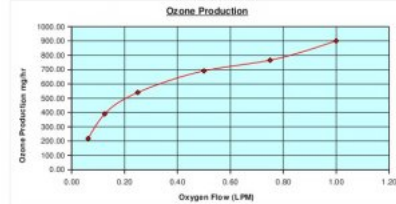
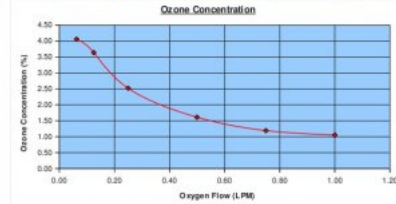


The AC-500G has an input for dry air or oxygen, and an output to pipe the ozone out of. It is not ten-position switch compatible.

AC-500G Performance Chart

Azco Generator Performance
AC-500G

Oxygen Flow in LPM	Ozone Concentration, % by weight	Ozone Production in mg/hr
0.06	4.06	217.45
0.13	3.64	389.96
0.25	2.52	538.90
0.50	1.61	690.69
0.75	1.19	765.77
1.00	1.05	900.90



This chart shows how the AC-500G performs at various l/m intervals. All ozone readings are in mg/hr.