

## 40 g/hr Turnkey Ozone Generation System

40 g/hr ozone generating system with Integrated O2 Conc.

The TS-40 Generates 40 g/hr of ozone from 8 LPM oxygen at 5% by weight, with delivery pressures up to 15 PSI. The air preparation system that generates oxygen from ambient air is incorporated into the ozone generator and plugs into any available wall outlet!



### Features

- 40 g/hr Turnkey Ozone Generator
- Integrated Oxygen Concentrator
- Adjustable Ozone Output From 0-100%
- Integrated Flow Meter and Pressure Gauge
- Very efficient ozone generation
- Ozone concentrations up to 8% are possible
- All equipment installed in one enclosure
- Very Simple operation
- Simply provide electrical power and connect ozone output!
- Very compact system

Product ID: **TS-40**  
Lead Time: **1 week**

### Specifications

Ozone Output:	40 g/hr (2.1 lb/day) Ozone
Oxygen Output:	8 LPM @ 95% Purity
Delivery Pressure:	Up to 15 PSI at low O2 flow rates (less than 2 LPM)
Adjustable output:	Adjustable from 0-100% with potentiometer
Output connection:	1/4-inch Compression
Environmental Conditions:	Up to 85% Humidity, 95-deg F
Ozone Concentration:	Up to 8% by weight
Mounting:	- Tabs on the rear will allow wall mounting - Vibration isolating feet on the bottom
Ventilation:	450 CFM cooling fan with built in filtration system
Power Consumption:	1040 Watts
Electrical power:	120V/60Hz (20 amp breaker required)
Dimensions	36-in x 24-in x 14-in (HxWxD)
Weight:	110 lbs

### Corner View of the TS-40



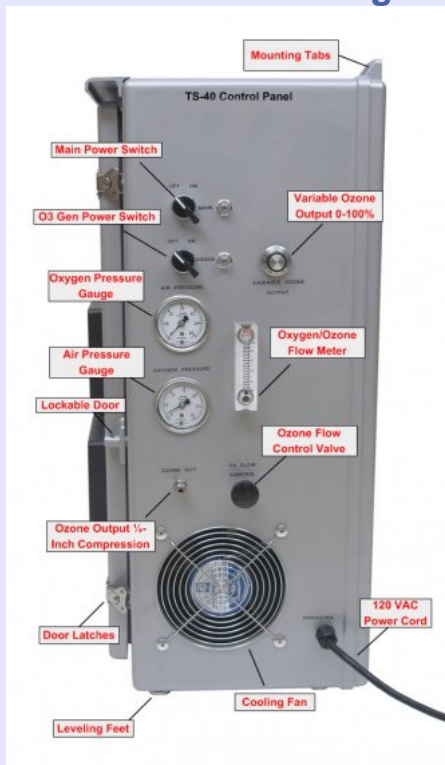
The TS-40 is a very compact ozone generator. Everything necessary for ozone generation from oxygen is mounted in one convenient enclosure. Plug this into 120 Volt power and 40 g/hr of ozone will be generated from 10 LPM of oxygen.

### Side View of the TS-40



Simple, easy to use controls are mounted to the side of the TS-40 ozone generator. The side of the TS-40 is used for the control. All Control is located on this one side of the TS-40 for convenient control.

### Detailed TS-40 Image



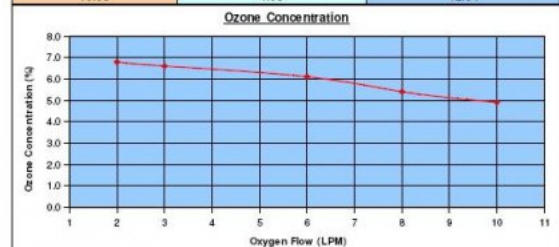
This image describes the functions on the TS-40 Control panel. Simple easy to read controls are mounted to the side of the TS-40 Ozone generating System. A flow meter with a pressure gauge display operating conditions

### Performance Chart

#### TS-40 Ozone Generator Performance

TS-40 Ozone System

Oxygen Flow in LPM	Ozone Concentration, % by weight	Ozone Production in g/hr
2.00	6.80	11.67
3.00	6.60	16.99
6.00	6.10	31.40
8.00	5.40	37.07
10.00	4.90	42.04



All tests were performed at 70-deg F  
Ozone Generator was run at each flow rate for 1 hour prior to recording reading

TS-40 Performance Chart shows the ozone output of the TS-40 at varying flow rates.