

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**

Caution Sign

These signs can be posted to caution people that ozone is being used in the area.

	*	Item	Price	*
44858		CAU-7x10	Online Pricing	Buy Online!

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



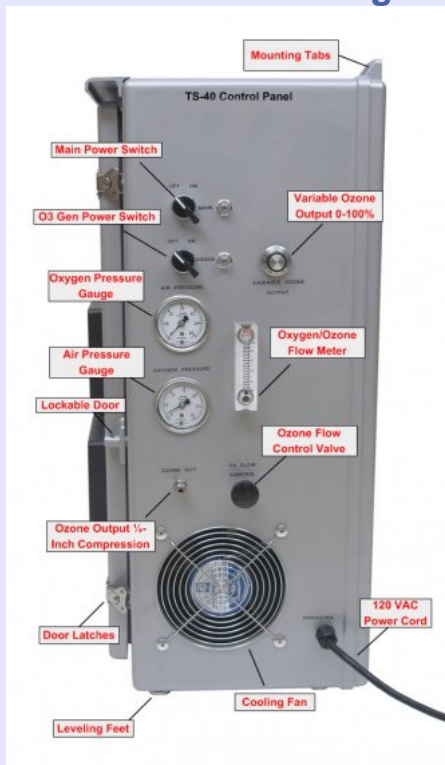
The TS-40 is a very compact ozone generator. Everything necessary for ozone generation from oxygen is mounted in one convenient enclosure. Plug this into 120 Volt power and 40 g/hr of ozone will be generated from 10 LPM of oxygen.

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



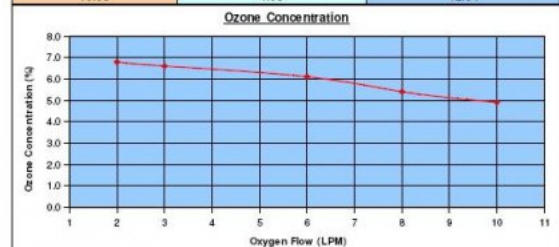
This image describes the functions on the TS-40 Control panel. Simple easy to read controls are mounted to the side of the TS-40 Ozone generating System. A flow meter with a pressure gauge display operating conditions

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.