

30 g/hr Turnkey Ozone Generation System

30 g/hr ozone generating system with Integrated O2 Conc

The TS-30 generates 30 g/hr of ozone from 8 LPM oxygen at 4.5% 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. This system simply plugs into 120V power supply and supplies 30 g/hr of ozone generated from oxygen.



Features

- 30 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
- [b]Rental Systems Available[/b]

Product ID: **TS-30**
Lead Time: **1 week**

Caution Sign

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

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

Specifications

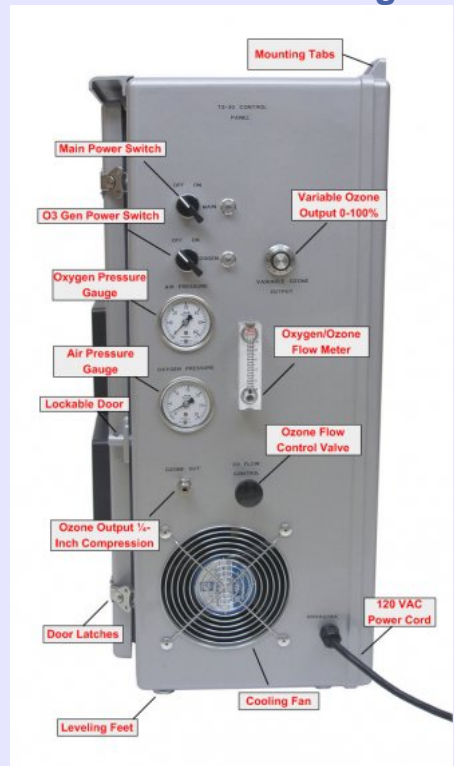
Ozone Output:	30 g/hr (1.57 lb/day) Ozone
Oxygen Output:	8 LPM @ 95% Purity
Delivery Pressure:	Up to 15 PSI at low O2 flow rates (less than 2 LPM)
Adjustable output:	Adjustable from 0-100% with potentiometer
Output connection:	1/4-inch Compression
Environmental Conditions:	Up to 85% Humidity, 95-deg 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
Electrical Power:	120V/60Hz (20 amp breaker required)
Power Consumption:	970 Watts
Weight:	110 lbs
Dimensions	24-in x 32-in x 14-in (W x H x D)
Shipping Cost:	\$125-\$175 to most states in the continental US

TS-30 Right Side View



The right side of the TS-30 is used for the monitoring flow and pressures. All control is located on one side of the TS-30 for convenient adjustment.

Detailed TS-30 Image



This image describes the functions on the TS-30 Control panel.

Simple easy to read controls are mounted to the side of the TS-30 Ozone generating System. A flow meter with a pressure gauge display operating conditions.

Front View of the TS-30

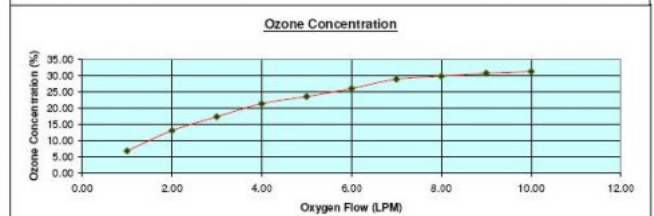
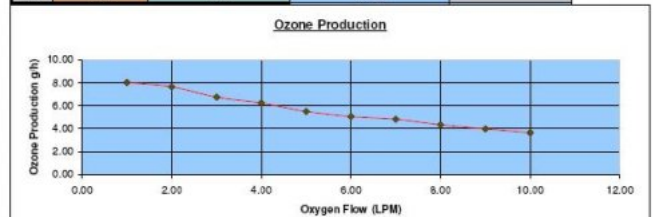


The TS-30 brings filtered air into the enclosure through the louvered screen on the front. The door has a steel latch to keep dust out of the enclosure.

Performance Charts

OZONE GENERATOR PERFORMANCE TEST
TS-30 Ozone Generator

##	Oxygen Flow in LPM	Ozone Concentration, % by weight	Ozone Production in g/hr	COMMENTS
1	1.00	8.02	6.88	
2	2.00	7.65	13.13	
3	3.00	6.75	17.37	
4	4.00	6.23	21.38	
5	5.00	5.50	23.60	
6	6.00	5.06	26.05	
7	7.00	4.82	28.95	
8	8.00	4.35	29.86	
9	9.00	3.98	30.73	
10	10.00	3.65	31.32	



Test was performed at 72°F, Generator was ON for more than 1 hour.
Ozone Analyzer API 460H

TS-30 Performance charts show what the ozone production is at each flow rate. This test was done at 10 PSI.