

40 g/hr Ozone Generator for Rent

TG-40 Ozone Generator Rental

This ozone generator is our most reliable unit for pilot study treatment of water. Whether you want to see if ozone will work for your application without committing to a purchase, or just fulfilling a short term need, this unit may be the perfect solution.

This Ozone Generator will produce 40 g/hr of ozone from only 10 LPM of oxygen. The TG-40 can be rented in a rack for up to 240 g/hr of ozone from one convenient rack.

This unit can be shipped anywhere in the US, Mexico, or Canada for rental needs. Reduced rental rates are also available for longer period of times, call for details.



Features

- Cost Effective Ozone Generator Rental
- Only Oxygen and Electrical power is required
- 20 g/hr ozone from 4 LPM Oxygen
- 30 g/hr ozone from 6 LPM oxygen
- 40 g/hr ozone from 10 LPM Oxygen
- Low power consumption
- Low Oxygen demand for ozone output
- Adjustable ozone output from 0-100%
- Air cooled, design is easy to use
- easily sets on lab bench or shelf

Product ID: **TG-40 Rental**
Stock: **Yes**

Specifications

[b]Rental Information[/b]

Rental Terms:	Rental period starts when unit arrives, and ends when it is shipped back. The shipping time does not count against the rental period.
Availability:	We have 4 TG-30 Ozone Generators for rent, there is a very good chance we have one in stock ready to ship to you!
Shipping Method:	System ships via UPS, Fed-Ex, or USPS in a heavy duty cardboard box with completely reusable shipping materials.
Return Shipping:	TG-40 is shipped in a sturdy box, with all reusable shipping materials. Simply repackage the TG-40 and ship back via and standard parcel service.
Shipping Cost:	Please use the calculate shipping option on the top of this page
Shipping Weight & Dimensions:	35-lbs; 24 x 24 x 12-in

[b]Product Specifications[/b]

Flowmeter:	All rental units currently have a 0-20 SCFH flow meter installed (Flowmeter range can be customized to needs of user)
Pressure Gauge:	Yes: 0-60 PSI Pressure Gauge
Feed Air Requirements:	Range of 0-20 LPM of 90-95% oxygen - no oxygen flow through corona cell is acceptable
Operating pressure:	up to 80 PSI, best ozone production is at 10-20 PSI
Adjustable output:	0-100% with dial potentiometer
Connections:	3/8-inch Stainless Steel Compression
Power Requirements	120V/60Hz, 5 Amps
Power Consumption:	550 Watts
Dimensions	19 x 17 x 7-in (W x D x H)

Rear View of TG-40



Rear view of the TG-40 shows the 3/8-in compression fittings and cord grip.

TG-40 Front View



The TG-40 is available with a flow meter and pressure gauge to show the complete operation of the generator. The cooling fans on the front move air through the top and sides, which allows the unit to be mounted very close to the wall.

TG-40 with Flowmeter and Pressure Gauge



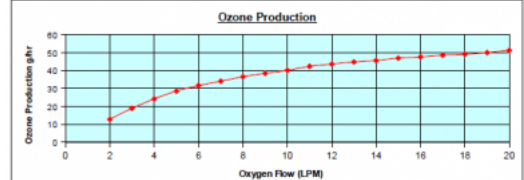
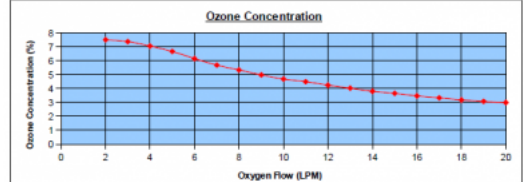
This TG-40 has the high precision 0-10 LPM flow meter mounted to the front. This flow meter is slightly larger although it uses an aluminum body and glass tube with a stainless float ball. The accuracy of this flow meter is within 5%. A high accuracy flowmeter with +/-2% accuracy can be installed upon request.

TG-40 Performance Chart

Ozone Generator Performance

TG-40 Ozone Generator

Oxygen Flow in LPM	Ozone Concentration g/Nm3	Ozone Concentration, % by weight	Ozone Production in g/hr	Oxygen Pressure PSI
2.00	119.5	7.50	12.87	10
3.00	114.3	7.37	18.97	10
4.00	110.1	7.05	24.20	10
5.00	104.4	6.66	28.57	10
6.00	97.3	6.15	31.66	10
7.00	90.7	5.68	34.11	10
8.00	86.2	5.33	36.59	10
9.00	79.0	4.98	38.46	10
10.00	74.3	4.68	40.15	10
11.00	68.6	4.49	42.38	10
12.00	64.6	4.24	43.66	10
13.00	61.0	4.02	44.84	10
14.00	57.0	3.80	45.85	10
15.00	53.5	3.65	46.90	10
16.00	53.1	3.47	47.64	10
17.00	51.1	3.33	48.57	10
18.00	48.7	3.18	49.11	10
19.00	46.9	3.07	50.05	10
20.00	45.6	2.99	51.31	10



Test was performed at 72°F, Generator was ON for more than 1 hour.
Ozone Analyzer API 454

This chart shows the typical performance of a TG-40 Ozone Generator.