

40 g/hr Ozone Generator

Efficient Ozone Generator produces 40 g/hr ozone from only 10 LPM O₂

The TG-40 is the most reliable ozone generator on the market. Very efficient and capable of 40 g/hr of ozone from less than 10 LPM oxygen. Very little oxygen flow and low power consumption make this an extremely cost effective ozone generator. Instant ozone production!



Features

- 40 g/hr ozone from 10 LPM Oxygen
- Adjustable Ozone Output From 0-100%
- Air Cooled Rack Mountable Ozone Generator
- Optional Pressure Gauge and Flow Meter
- Low Oxygen demand for ozone output
- Safety overloads to protect the circuitry
- Easy to use! Connect to O₂, Electrical Power, and generate ozone immediately

Product ID: **TG-40**

Stock: **Yes**

Price: **\$4,900.00**

Specifications

Feed Air Requirements: 0-20 LPM of 90-95% oxygen

Operating pressure: 10-20 PSI produces best ozone productions

[b]Max Pressure:[/b] Up to 80 PSI

Adjustable output: 0-100% with potentiometer standard on TG-40

Connections: 3/8-inch Stainless Steel Compression

[b]Indicator:[/b] Light to indicate Ozone is being produced

[b]Cooling:[/b] Air cooled with integrated fans

Power Requirements: 120V/60Hz, 5 Amps

Power Consumption: 550 Watts

Dimensions: 7 x 19 x 17-in (HxWxD) 18 x 48 x 43-cm

Weight: 32 lbs (14.5-kg)

Shipping Weight: 34 lbs (15.5-kg)

TG-40 Output Ratings

Ozone Output	Oxygen Requirements
20 g/hr	4 LPM Oxygen
30 g/hr	6 LPM Oxygen
40 g/hr	10 LPM Oxygen
60 g/hr	20 LPM Oxygen

Buy the TG-40

To purchase the TG-40 with accessories, first add the base model to your cart.

Item	Price	*
TG-40 Base Model	Online Pricing	Buy Online!

Optional Flowmeter

To add an optional flowmeter to your TG-40, choose no more than one of the options below.

Item	Price	Choose 1
0-20 LPM Acrylic Flowmeter	Online Pricing	Buy Online!
0-10 LPM Acrylic Flowmeter	Online Pricing	Buy Online!
High accuracy 0-10 LPM Aluminum Flowmeter	Online Pricing	Buy Online!

Optional Pressure Gauge

To add an optional pressure gauge to your TG-40, choose no more than one of the options below.

Item	Price	Choose 1
0-30 PSI Pressure Gauge	Online Pricing	Buy Online!
0-60 PSI pressure Gauge	Online Pricing	Buy Online!

Optional Connections (Connectors)

The TG-40 comes standard with 3/8 inch stainless steel compression fittings. If your needs are different, chose one of the options below.

Item	Description	Price	Choose 1
NPT IN/OUT	1/4 inch FNPT Inlet and Outlet Connections	Online Pricing	Buy Online!
1/4 inch Comp	1/4 inch Comp Inlet and Outlet Connections	Online Pricing	Buy Online!

Ozone Output Control

Adding an ozone output control allows you to control the generator output remotely. Choose from one of two types of input ranges.

Item	Description	Price	Choose 1
4-20 mA Input	4-20 mA Input to adjust output 0-100%	Online Pricing	Buy Online!
0-10 Volt Input	0-10 Volt Input to adjust output 0-100%	Online Pricing	Buy Online!

Power Option

The TG-40 is equipped to use standard 110V US alternating current. If you require 220V, chose the option below:

Item	Price	Choose 1
220V/50Hz Power Option (Includes country-specific power cord.)	Online Pricing	Buy Online!

Caution Sign

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

Item	Price	Choose 1
44858 CAU-7x10	Online Pricing	Buy Online!

TG-40 Front View



TG-Series Cost Display

TG-10, 20, Or 40

Ozone Output Control: 4-20 mA or 0-10 v Input for \$200

Power Option: 220v/50Hz For \$150

Optional Gauge is available in either 0-30 or 0-60 psi.

Optional Flowmeter: 0-10 for \$95 or 0-20 for \$105

The TG-40 is available with the optional flow meter and pressure gauge as shown. The flow meter shown is the 0-10 LPM flow meter.

Adding these options provides valuable operation information to determine the actual output of the ozone generator.

Rear View of TG-40



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

TG-40 With No Options



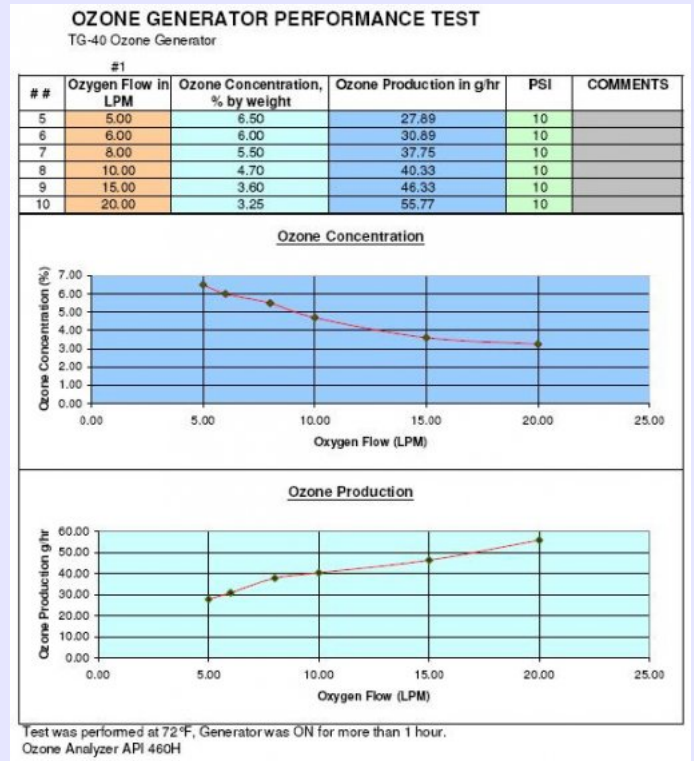
Front View of the TG-40 Ozone Generator without the optional flowmeter and pressure gauge.

TG-40 Wall Mount



The popular TG-40 can also be built as a wall mount style. This style takes up less space and can be mounted on a wall for easy use.

TG-40 Performance Chart @ 10 PSI



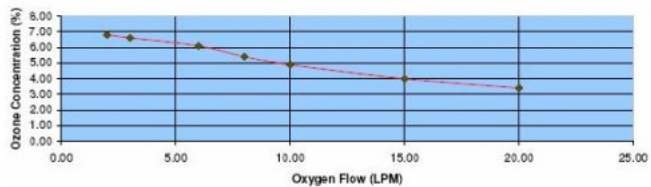
TG-40 Performance Chart @ 15 PSI

OZONE GENERATOR PERFORMANCE TEST

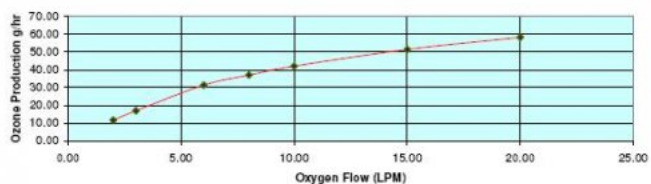
TG-40 Ozone Generator

#1					
#	Oxygen Flow in LPM	Ozone Concentration, % by weight	Ozone Production in g/hr	PSI	COMMENTS
1	2.00	6.80	11.67	15	
2	3.00	6.60	16.99	15	
3	6.00	6.10	31.40	15	
4	8.00	5.40	37.07	15	
5	10.00	4.90	42.04	15	
6	15.00	4.00	51.48	15	
7	20.00	3.40	56.34	15	

Ozone Concentration



Ozone Production



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

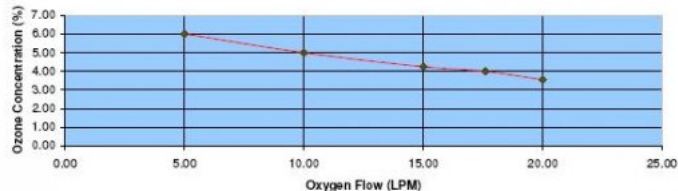
TG-40 Performance Chart @ 20 PSI

OZONE GENERATOR PERFORMANCE TEST

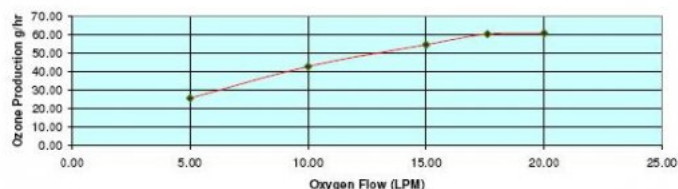
TG-40 Ozone Generator

#1					
#	Oxygen Flow in LPM	Ozone Concentration, % by weight	Ozone Production in g/hr	PSI	COMMENTS
1	5.00	6.00	25.74	20	
2	10.00	5.00	42.90	20	
3	15.00	4.25	54.70	20	
4	17.60	4.00	60.40	20	
5	20.00	3.55	60.92	20	

Ozone Concentration



Ozone Production



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