



Ozone Generator

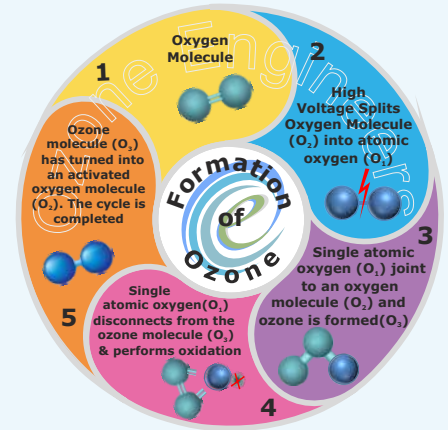
- ◆ Green Technology
- ◆ Chemical Free Process
- ◆ 100% Disinfection
- ◆ Air & Water Treatment
- ◆ Natural Oxidizer
- ◆ 3000 Times Faster Than Chlorine
- ◆ 3D Process (Disinfection, Decolorization & Deodorize)



What is Ozone

Ozone is "active oxygen", nature's special element and a beautiful gift to mankind. Ozone is a triatomic allotrope of oxygen formed by recombination of oxygen atoms. It is a colourless gas with characteristic pungent odor and can easily be detected at low level of 0.02ppm. It is a very strong oxidant and is over 3000 times more powerful disinfectant than chlorine. Ozone is a one-stop solution to most of the air and water treatment related problems such as bacteria, virus, algae, fungi, colour, odor, COD and BOD.

It disinfects, oxidizes, deodorizes and decolorizes. Ozone is generated by an electrical discharge through dry air or pure oxygen and is generated onsite because it decomposes to elemental oxygen in a short amount of time.



About Ozone Engineers

Ozone Engineers is one of the leading manufacturer of Ozone Generators, Oxygen Concentrators, ozone accessories and allied product based in Tamilnadu, India, established in 2012. We exports our products and their services to more than 20 countries.

"**we unite to make the world better**" is the underlining moral for Ozone Engineers to continuous improvement of engineering research, customer satisfaction, top quality products, clean manufacturing practices and best after sales and services.

We manufacture the lowest cost, highest quality ozone products by utilizing diverse application expertise to serve multiple markets while maintaining the optimum balance of innovation, quality, cost, safety and ozone efficiency.

We manufacture Ozone Generators from 500mg to 2 KG machine for various water and air applications.

In 2018 we have launched our own technology Industrial Oxygen Concentrator - ONG Series of 5 LPM & 10 LPM and supplying to many customers with good satisfactory results.

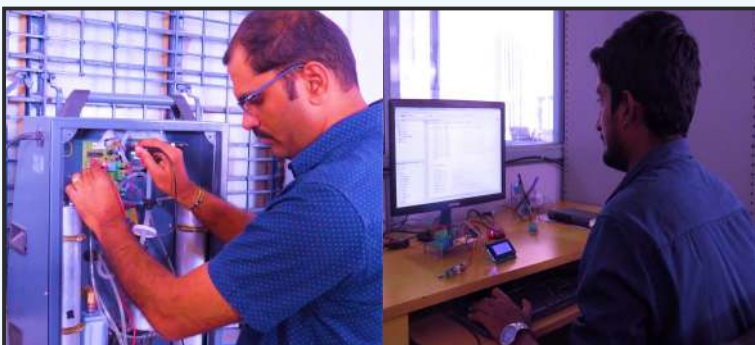
Service & Support

All our services are available round the clock that is 24x7

To ensure that your ozone system has the longest life-span, Ozone Engineers has committed its service department to be trained and ready to assist you. Some of our systems have been known to last for 10 years or longer. Our team offers client support via telephone, email or on-site service, regardless of the brand of ozone generator you require assistance with.

Research

Ozone Engineer's research and development capabilities to generate distinctive value through new, improved products and innovative ways to reduce costs or both.



Why Ozone Engineers



Reliable Ozone Output

Our Ozone Generators are designed for use in the air & water treatment. These ozone generators produce ozone from dry air (or) oxygen meaning only compressed air / oxygen and electricity are required for operation. Ozone Engineers are the most reliable and robust ozone generators in production today. These generators are well built and reliable, allowing them to provide you with many years of operation.

Monitoring & Controls

Based on reliable electrical and instrumentation technologies cultivated over many years of experience, we offer optimal monitoring and control systems. Remote monitoring of your water and wastewater treatment systems in the cloud you can see live operating information.

- ✓ Water Level
- ✓ Pump activity
- ✓ Energy Consumption
- ✓ Alarm and Reports via email or SMS

Precision Engineering

Precision engineering

is the discipline of designing a machine or instrument so it can maintain, measure, or move to a position or follow a path with a level of accuracy that is many orders of magnitude smaller than the size of the machine or instrument itself.

Our performance testing on your ozone generator will give you definitive answers.

Our engineers will work with you to fully understand your requirements and offer you the best solutions.

Easy Maintenance

Our ozone generator not require any consumables items.

It's very easy to replace spare parts and maintenance work.

Our ozone system corona discharge module (Ozone Cell) easy to replace / rebuild. The follow routine preventive maintenance schedule as per our user manual.


IAE Series


Air Feed Integrated Ozone Generator

Our IAE series ozone generator system is very compact and economy model with in built oil free air compressor, plug and play unit with cen-percent ozone output. It built on ozone stainless steel 304 grade cabinet and wall-mountable. Ideal for a variety of commercial and industrial applications.


Features


- ❖ Inbuilt Oil Free Air Compressor
- ❖ 0-100% Ozone Variable
- ❖ Indication of Ozone Output Status
- ❖ Over Current Protection
- ❖ Safety Door Switch
- ❖ SS 304 Enclosure

 **Reliable Ozone Output**

 **Energy Efficient**

 **Easy Maintenance**

 **Compact System**

 **Cost Efficient**

 **Plug and Play**



Model	Ozone Output		Feed Gas Air by lpm	Fittings in MM		Power		Dimension L x W x H in mm	Weight Kgs
	gm/h	wt %		Air	Ozone	Input	Watts		
IAE-2	2	2	12-14	6	6	230V	100	325 x 200 x 430	8
IAE-3	3	2	12-14	6	6	230V	120	325 x 200 x 430	9
IAE-5	5	2	12-14	6	6	230V	180	325 x 200 x 430	10
IAE-10	10	2	24-28	6	6	230V	300	425 x 200 x 550	18

EO Series

External Oxygen Feed Ozone Generator (Air Cooled)

The reliable, versatile, and cost-effective EO Series ozone generators are designed to satisfy a wide range of industrial applications. The EO Series generators are force air cooled system, ultra compact with GRP enclosure. This series works from oxygen gas or dry air feed to produce ozone gas.

Features

- 0-100% Ozone Variable
- Indication of Ozone Output Status
- Smart LCD Display Monitoring & Controller
- Over Current Protection
- Safety Door Switch
- Over / Under Voltage protection
- GRP Enclosure - IP Clause 65



Reliable Ozone Output



Compact System



Smart Display Monitor



Cost Efficient



Easy Maintenance



Plug and Play



EO-10



EO-20



EO-30 & EO-50

Model	Ozone Output		Feed Gas O ₂ by lpm	Fittings in MM		Power		Dimension L x W x H in mm	Weight Kgs
	gm/h	wt %		Oxygen	Ozone	Input	Watts		
EO-10	10	6	5	6	6	230V	110	325 x 200 x 430	8
EO-20	20	6	5	6	6	230V	220	390 x 280 x 480	15
EO-30	30	6	5	6	6	230V	320	390 x 280 x 660	18
EO-50	50	6	10	6	6	230V	500	390 x 280 x 660	22

WO Series

External Oxygen Feed Ozone Generator (Water Cooled)

The WO Series ozone generators are the most flexible and easy-to-use ozone systems of their size, ideal for a variety of commercial and industrial applications for long run operation. The WO Series generators are water cooled ozone tubes with all housed in a compact GRP/Mild Steel enclosure.

Features

- ◆ Smart LCD Display Monitoring & Controller
- ◆ Indication of Ozone Output Status
- ◆ Over Current Protection
- ◆ Over / Under Voltage Protection
- ◆ Safety Door Switch
- ◆ Emergency Stopper
- ◆ Water-Cooled Ozone Tubes
- ◆ Mild Steel Enclosure



Reliable Ozone Output



Smart Display Monitor



Easy Maintenance



Compact System



Precision Engineering



Plug and Play



WO-10



WO-20



WO-30 & WO-50



WO-75 to WO-150



WO-200 to WO-500

Model	Ozone Output		Feed Gas O ₂ by lpm	Fittings in MM			Power		Dimension L x W x H in mm	Weight Kgs
	gm/h	wt %		Oxygen	Ozone	Cooling Water	Input	Watts		
WO-10	10	8	4	6	6	10	230V	110	325 x 200 x 430	10
WO-20	20	8	5	6	6	10	230V	220	390 x 280 x 480	15
WO-30	30	8	5	6	6	10	230V	320	390 x 280 x 660	18
WO-50	50	8	8	6	6	10	230V	500	390 x 280 x 660	22
WO-75	75	8	10	6	6	10	230V	1000	630 x 380 x 1300	65
WO-100	100	8	10	6	6	10	230V	1500	630 x 380 x 1300	75
WO-150	150	8	20	6	10	10	230V	2000	630 x 380 x 1300	80
WO-200	200	8	30	6	10	10	230V	2600	1000 x 380 x 1300	120
WO-300	300	8	40	6	10	10	230V	3500	1000 x 700 x 1600	160
WO-400	400	8	50	6	12	12	230V	5000	1300 x 700 x 1600	220
WO-500	500	8	60	6	12	12	230V	6500	1300 x 700 x 1600	230

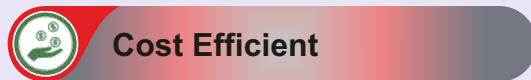
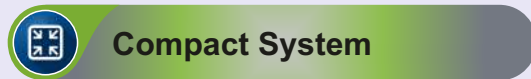
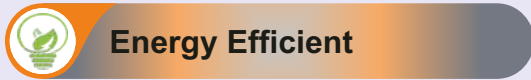
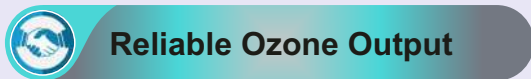
IO Series

Inbuilt Ozone and Oxygen System

Our IO series ozone system included Ozone Generator, Inbuilt Industrial Oxygen Concentrator, other Control are housed in a compact mild steel frame with compact design, easy to move & ready to use for all ozone applications.

Features

- ▶ Smart LCD Display Monitoring & Controller
- ▶ Indication of Ozone Output Status
- ▶ Over Current Protection
- ▶ Over / Under Voltage Protection
- ▶ Over Temperature Protection
- ▶ Water Flow Sensor
- ▶ Safety Door Switch
- ▶ Emergency Stopper
- ▶ Water-Cooled Ozone Tubes
- ▶ Inbuilt Oxygen Source
- ▶ Plug & Play System
- ▶ Mild Steel Enclosure



IO-10 to IO-50



IO-75 to IO-150

Model	Ozone Output		Feed Gas O ₂ by lpm	Fittings in MM			Power		Dimension L x W x H in mm	Weight Kgs
	gm/h	wt %		Oxygen	Ozone	Cooling Water	Input	Watts		
IO-10	10	8	4	6	6	10	230V	700	630 x 430 x 1300	70
IO-20	20	8	5	6	6	10	230V	800	630 x 430 x 1300	75
IO-30	30	8	5	6	6	10	230V	900	630 x 430 x 1300	80
IO-50	50	8	8	6	6	10	230V	1000	630 x 430 x 1300	90
IO-75	75	8	10	6	6	10	230V	1600	630 x 700 x 1300	120
IO-100	100	8	10	6	6	10	230V	2100	630 x 700 x 1300	130
IO-150	150	8	20	6	10	10	230V	2500	630 x 700 x 1300	170

S & SD Series

Ozone Skid System

The skid system integrated Ozone Generator, Oxygen Concentrator, SS Contact Tank, SS Pump, Venturi Injector, Static Mixer, Water Flow Meter & Solenoid Valve are housed in a compact stainless steel frame with compact design, easy to move & ready to use for all ozone applications.

Features

- + High Concentration Ozone Output
- + Most Advanced Integrated System
- + Off Gas Separation Valve
- + Back Pressure Safety Valve
- + All Materials are Ozone Compatible
- + Plug and Play Series



Mobile Ozone Sanitation

The **Mobile Ozone Sanitation** system is a complete advanced **Ozone Sterilization System**. There are two methods of sanitation that is by Air (Mobile Air Sterilizer (**MAS**)) and Water . (Mobile Water Sanitation (**MWS**)).

The **MAS** is engineered to produce high levels of **dissolved ozone in the air** to meet common disinfection and oxidation tasks. Ozone is a 'chemical-free' sanitizing agent leaving no residual, any excess of ozone breaks down into oxygen.

The **MWS** is engineered to produce high levels of **dissolved ozone in the water** to meet common disinfection and oxidation tasks. Ozone is a powerful sanitizing agent : 2 ppm ozone in water equals to 400 ppm chlorine. Ozone has a short reaction time and requires a shorter contact time than chemical alternatives.

The **MAS & MWS** is best when you require ozone disinfection in multiple locations within a facility, different buildings, larger facilities, or when you simply want the convenience of mobility.

Features

- + Green Technology
- + Chemical Free Process
- + 100% Disinfection
- + Air & Water Sanitation
- + Natural Oxidizer
- + CIP - Clean In Place
- + 3000 Times Faster Than Chlorine



ONG Series

Industrial Oxygen Concentrator

The Ozone Engineers OxyNxtGen™ Oxygen Concentrator works with PSA Technology to produce oxygen, uses ambient air as a source of oxygen. It is designed to deliver continuous and concentrated flow of oxygen. It has been designed to provide a combination of enhanced features, reliability of a proven technology and unsurpassed quality. Simply plug the unit in and turn it on for high purity oxygen delivery and reliably.

Features

- ✓ PSA Technology
- ✓ High Efficiency Compressor
- ✓ Inbuilt Oxygen Purity Display
- ✓ Hour Reference Meter
- ✓ Main Circuit Breaker
- ✓ Feed Gas Flow Control Valve
- ✓ Mild Steel Enclosure



ONG-5 & ONG-10

Model	Oxygen Output		Feed Gas Air by lpm	Fittings in MM		Power		Dimension L x W x H in mm	Weight Kgs
	LPM	Purity %		Oxygen	Pressure	Input	Watts		
ONG-5	5	93 +/- 3%	100	6	9 psi	230V	550	430 x 320 x 800	35
ONG-10	10	93 +/- 3%	120	6	12 psi	230V	600	430 x 320 x 800	38

OAS Series

Ozone Air Sterilizer

Ozone Engineers manufactures a superb range of ozone air sterilization for domestic & industrial applications. With a superior portable design, these ozone air sterilizer are ideal for eliminating contamination in air. With superior control featured and durable characteristics these units are available as per customer requirement.

Features

- ✓ Variable Ozone Output
- ✓ Manual / Timer Operation
- ✓ Ozone Status Indication LED
- ✓ External Fuse
- ✓ Power Indication Lamp
- ✓ SS 304 Enclosure



OAS-4 & OAS-8

Model	Ozone Output		Air Flow Rate CFM	Max. Treatment Area in Sq. Ft.	Power		Dimension L x W x H in mm	Weight Kgs
	gm/h	wt %			Input	Watts		
OAS-4	4	2	60	750	230V	80	450 x 180 x 200	7
OAS-8	8	2	100	1500	230V	160	450 x 180 x 200	8

Lab Ozone

The Ozone Engineers Desktop medical ozone generator are designed specifically for laboratory and medical research applications. This Ozone Generators are designed to work in conjunction with Oxygen Flow Regulators providing an output of between 0.5 & 1LPM.

Features

- Variable Ozone Output
- Ozone Status Indication LED
- Non Metallic Ozone Production Technology
- Smart LCD Display Monitoring & Timer Controller
- Table Top Model
- SS 304 Enclosure



Model	Ozone Output		Feed Gas O ₂ by lpm	Fittings in MM		Power		Dimension L x W x H in mm	Weight Kgs
	gm/h	wt %		Oxygen	Ozone	Input	Watts		
Lab Ozone	2.5	6	1	8	8	230V	75	330 x 275 x 140	4.5

Multipurpose Ozone Sterelizer

Multipurpose Ozone Sterilizer (MOS) is domestic model for air & water treatment purpose, ozone originated from air with some pressure will be expelled from the exit. This model is easy to move, compact construction, low noise, low temperature growth and stable quantity of ozone production.

Features

- Reliable Ozone Output
- Timer Operation
- Compact Design

Usages

- Drinking Water
- Fruit & Vegetable Washing
- Food Preservation
- Fish & Meat Washing
- Air Disinfection

Technical Specification

Ozone Output : 500 mg/h | Power : 220V AC / 10Watts

Dimension (LxWxH in mm) : 175 x 65 x 220 | Weight : 1.2 Kgs



Air Odor Sterilizer

Air Odor Sterilizer (AOS) is commercial model for air treatment purpose, the model is easy to fix the wall, there are 4 time durations for separate press on the timer button, It's eliminates any kind of bacteria, virus including corona, germs, airborne pathogens and other contaminants present in the air.

Features

- Reliable Ozone Output
- Timer Operation
- Compact Design

Usages

- Office Rooms
- All Production Area
- All Wash Rooms
- Pets Living Area
- Kitchen
- Bath Room

Technical Specification

Ozone Output : 500 mg/h | Power : 220V AC / 10Watts

Dimension (LxWxH in mm) : 175 x 65 x 220 | Weight : 1.2 Kgs



Ozone Destructor & Scrubber

The energy introduced for ozone generation is released again during catalytic ozone destruction. during catalytic ozone destruction. This is therefore an exothermal catalytic reaction. Ozone gas (O3 as metastable agent) enters the ozone destructor and disintegrates here releasing heat to produce oxygen (O2 electron pair bonded oxygen) and leaves the device in this form. These units are available as per customer requirement

Features

- ✓ Catalyst Material is Replaceable
- ✓ Over Temperature Protection
- ✓ Stainless Steel Construction
- ✓ Integrated Heater Band
- ✓ Ready to use upon arrival



Ozone Monitors



Ambient Ozone Monitor

- ▶ Range : 0-0.15 & 0-5 ppm
- ▶ Wall Mount & Hand Held
- ▶ Relay Output
- ▶ 4-20mA Controller
- ▶ Indoor & Industrial Use
- ▶ Leak detection, Health & Safety Monitoring and Process Control.



Dissolved Ozone Monitor

- ▶ Range : 0-200 ppb, 0-2 ppm
- ▶ 0-20 ppm or 0-200 ppm
- ▶ Relay Output
- ▶ 4-20mA Controller
- ▶ Constant Head Flowcell (or) Low Volume Flowcell
- ▶ Industrial Use and Process Control.



Ozone Comparator

- ▶ Measuring Range:0-1mg/l
- ▶ Compact Size
- ▶ Easy Operation
- ▶ DPD-4 Tablet reagents
- ▶ High Accuracy
- ▶ Continuous colour scale
- ▶ Water Industry, Pool, Spa



Ozone Meter - Digital

- ▶ Measuring Range:0-3mg/l
- ▶ Compact Size
- ▶ Easy Operation
- ▶ DPD-4 Tablet reagents
- ▶ High Accuracy
- ▶ Water Proof (IP-67)
- ▶ Ideal for Routine Water Monitoring

Ozone Accessories



Ozone Mixing Pump

Multistage pressure boosting pump used for ozone injection purpose.



Venturi Injector

Create a vacuum inside the injector body, Ozone gas Injection into Water.




Static Mixer

Static Mixers shear ozone bubbles from the venturi.




Water Trap

Prevent water from entering into ozone system.




Pressure Gauge

Displaying the current amount of pressure in the system.



Ozone Stand

This is used for ozone machine & oxygen machine holding purpose.



Water Flow Meter

Measuring the speed of water flowing through the pipe.



PTFE Tube

It's high corrosion and temperature resistance material.

Ozone Applications

Drinking Water



ETP



STP



Swimming Pool



Laundry Wash



Poultry Industry



Cooling Tower



Food & Beverages



Aqua Culture



Cold Storage



Pharmaceuticals



Household Ozone



Air Treatment



Odor Removal



Clean In Place



**Our Global Present
in 20+ Countries**



Our Major Clients



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we unite to make the world better

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