

Eltech

Ozone Generator



*Water & Air
Purification System*



Eltech Engineers is a reputed manufacturing company having more than 16 years of experience in Ozone Generators technology used in the Plastic Industry. Eltech was formed in year 1992. We are the leader in Corona Treatment machines for plastic film industry and Induction Cap Sealing machines and Static eliminator for various industries in India. The highlights of our company are its dedicated R&D team and it 's wide service network. Using the same established technology for ozone generation, we have diversified into Ozone generators for water and air treatment. Today,eltech is the most technologically superior ozonator in India.

Eltech Engineers produce ozonators wide range from 1gm/hr to 1 kg/hr ozone capacity by air and oxygen as a feed gas.

We have a wide clientele in various fields. Our customers are BARC,DRDE,United phosphorous Ltd,Oxygen healthcare ,Fine organics Ltd,Nilkamal Plastics Ltd, BITS pilani and many more....We have supplied more than 5000 machine in india and abroad.

We are providing Ozone generators for various application like water treatment,Air treatment, Swimming pool, Laundry application,ETP plant ,sewage treatment plant ,Ozonolysis

Our clients always look upto us for their different requirements because of our high quality standards,

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 0.05 ppm. 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 water treatment related problems such as bacteria, virus, algae, fungi, colour, odour, 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.



APPLICATION

- ✓MINERAL WATER
- ✓SWIMMING POOLS
- ✓SEWERAGE WATER
- ✓EFFLUENT WATER
- ✓COOLING TOWER WATER
- ✓AIR PURIFICATION
- ✓CHEMICALS PROCESSING
- ✓ MEDICAL APPLICATION



Ozone Air Purifier



1 gm/hr



5 gm/hr

Economical Ozonator

These ozone generators use oxygen or dry air as a feed gas source. Eltech Engineers manufacturers wide range of ozonators from 1gm/hr to 1kg/hr for air and water application.

Features

- 💧 Modular Design
- 💧 Adjustable Ozone Output
- 💧 Advance High Frquancy IGBT/MOSFET Technology
- 💧 Low Power consumption
- 💧 High Concentration Ozone Output
- 💧 Rugged Design
- 💧 Air/water Cooled Reactor Avilable
- 💧 Ozone concentration 6-12 %
- 💧 Low Oxygen demand for ozone output
- 💧 Saftey overload to protect circuitary



25 gm/hr

OZONE OUTPUT		
Model	oz o/p gm/hr	Power watt
el-2g	2	80
el-3g	3	80
el-5g	5	120
el-10g	10	300
el-15g	15	300
el-20g	20	300
el-30g	30	500
el-40g	40	500
el-50g	50	500
el-100g	100	1000



100 gm/hr



200 gm/hr

Ozone Accessories



oxygen concentrator



Venturie Injector



Flow meter



Static Mixer



Silicoan tubing



ozone Monitor



ozone test kit



Silica Gel



Ozone Injection Skid

Accessories

- 🔹 Ozone Injection Skid
- 🔹 Ozone Destructor
- 🔹 Ambient Ozone Monitor
- 🔹 Dissolve Ozone Monitor
- 🔹 ORP Monitor & Controllers
- 🔹 Oxygen Generator/Concentrator
- 🔹 Ozone Test Kit
- 🔹 Air Dryer

Benifits of Ozone

- 🔹 Ozone is 51% more powerful on bacterial cell walls than chlorine.
- 🔹 Ozone kills bacteria 3100 times faster than chlorine
- 🔹 Ozone is the most powerful broad spectrum microbiological control agent available.
- 🔹 Ozone eliminate the use of hot water and conventional sanitizer.
- 🔹 Ozone virtually eliminates all chemical usage.
- 🔹 Ozone is chemical-free; it produces NO toxic by-products.
- 🔹 Ozone has full FDA approval for direct-food contact application.
- 🔹 Ozone is clean and environment-friendly; its only by-product is oxygen.
- 🔹 Ozone is extremely effective as a disinfectant at relatively low concentrations.
- 🔹 Ozone is generated on site, eliminating the transporting, storing and handling of hazardous materials.
- 🔹 Ozone is very inexpensive to produce and has an unlimited supply.
- 🔹 Ozone is much safer for employees than conventional chemicals.
- 🔹 Ozone extends the shelf life of food products.
- 🔹 Ozone permits recycling of wastewater.



Eltech Engineers

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Manufacturers of : Ozone Generator ,Induction Cap Sealing Machine , Corona Treater, Static Eliminator and Static Charger.
Design & Specifications Subject to change for improvements of product