

Eltech

Ozone Generator



*Water & Air
Purification System*



Eltech Engineers is a reputed manufacturing company having more than 16 years of experience in Ozone Generators 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 50 mg/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,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, superior performance, zero defect products, timely deliveries and very reasonable prices.

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





Economical Ozonator

These ozone generators use oxygen or dry air as a feed gas source. Eltech Engineers manufacturers wide range of ozonators from 50 mg/hr to 1 kg/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



OZONE OUTPUT			
Model	oz o/p gm/hr	Power watt	Feed Gas Oxy In LPM
el-2g	2	60	2
el-4g	4	80	3
el-6g	6	100	4
el-8g	8	160	5
el-10g	10	180	5
el-16g	16	280	8
el-20g	20	300	8
el-25g	25	380	10
el-30g	30	400	10
el-40g	40	500	10

Ozone Accessories

Accessories



oxygen concentrator



Venturie Injector



Flow meter

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



Static Mixer



Silicoan tubing



ozone Monitor



ozone test kit



Silica Gel

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

A-108, Diamond Ind Estate, Ketkipada Road, Nr.Toll Naka, Off W. E.Highway, Dahisar (East), Mumbai-400068. Tel : 00-91-22-2897 2424 / 2626
Email : rajesh@eltech.in /eltech13@yahoo.com
Website : www.eltech.in/ www.eltechindia.com

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