

Manufactured & Marketed by :
BHARAT OZONE & WATER TECHNOLOGY

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ABOUT COMPANY

BHARAT OZONE & WATER TECHNOLOGY (BOWT) is Manufacturing Sales & Services of Advance Ozonator & Oxygen PSA. Also providing WWTP, STP & ETP Plant in all over India.

BOWT have 12+ Year Experience Engineers, Manufacturing, Commissioning, & Service Team. BOWT Committed For Best Quality Products & Services.

INTRODUCTION OF OZONE

Ozone is tri atomic Oxygen

O₃ is a very strong disinfectant & oxidant. Any pathogen or contaminant that can be disinfected altered or removed via an oxidation process, will be affected by ozone.

It is the strongest of all molecules available for disinfection. In water treatment ozone is more than twice as powerful as chlorine and acts 3000 times faster. Ozone can be used as a disinfectant deodorizer, detoxifier and a coagulant. Due to these properties ozone is widely used in air, water and waste water treatment in variety of applications.

FEATURES OF OZONE GENERATOR & OXYGEN PSA

- IGBT based high frequency inverter circuit
- Water Cooled Electrode gives constant High concentration Ozone output
- Industrial Oxygen Generators / PSA to give oxygen at 85-90% purity

WHAT OZONE DOES ?

• Colour Removal	• Micro-flocculation
• Odour Removal	• Oxidation of Inorganic Compounds
• Cod/bod Reduction	• Disinfection

BENEFIT OF OZONE

- Ozone is chemical free; it produces no toxic by product. Ozone kills bacteria's 3000 times
- Ozone has full FDA approval for direct food contact application.
- Ozone permits recycling of waste water.
- Ozone is clean and environment friendly.
- Its only by product is Oxygen.
- Ozone is extremely effective as a disinfectant.
- Low maintenance cost.
- Improve taste in water.

APPLICATION AREAS OF OZONE GENERATOR



**Mineral Water
Packaging Plant**



**Swimming Pool
Water Filtration**



**Waste Water
Treatment**



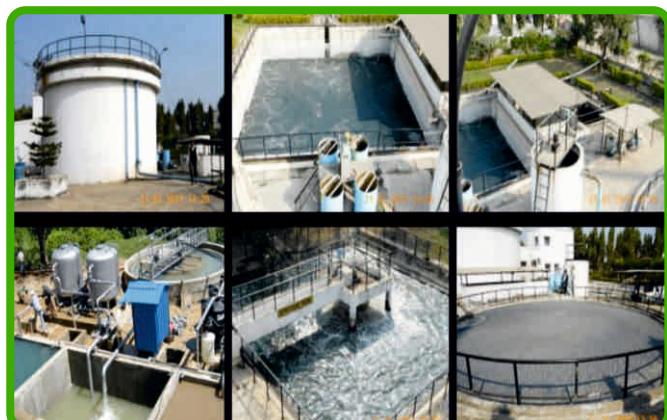
**Sewage Water
Treatment Plant**



Laundries



**Pharmaceuticals,
Cold Storage**



Effluent Water Treatment Plant



Food & Beverage's Industries

OUR PRODUCTS

SR. NO	PRODUCT NAME	MODELS / CAPACITY / SIZE									
1	Oxygen Concentrator PSA TYPE	BO2/T2/20	BO2/T2/40	BO2/T2/60	BO2/T2/90	BO2/T2/120	BO2/T2/200				
		20 LPM	40 LPM	60 LPM	90 LPM	120 LPM	200 LPM				
2	Ozone Generator	BO3/E1/10	BO3/E1/25	BO3/E1/50	BO3/E2/100	BO3/E3/150	BO3/E4/200				
		10 gms/hr	25 gms/hr	50 gms/hr	100 gms/hr	150 gms/hr	200 gms/hr				
		BO3/E6/300	BO3/E8/400	BO3/E12/600	BO3/E16/800	BO3/E18/1000					
		300 gms/hr	400 gms/hr	600 gms/hr	800 gms/hr	1000 gms/hr					
3	S.S. Venturi	1 Inch	1.5 Inch	2 Inch	2.5 Inch						
4	Molecular Sieves	13X 0.4-0.8 mm	13X 1.6-2.6 mm	3A 1.5-3.0 mm	4A 1.5-3.0 mm	5A 1.5-3.0 mm					
5	ORP Metre	BOWT / 301		SERVICES OFFERED							
6	Oxygen Purity Sensor	BOWT / 302									
7	Ozone Detector	0.1-20 ppm									
8	Effluent Treatment Plant	Capacity 5 KLD-1 MLD									
9	Sewage Treatment Plant	Capacity 2 KLD-2 MLD									
10	Industrial RO	Capacity 50 KLD-500 KLD									

