



www.zetaozone.com



Zeta Ozone Inventions [ZOI] specializes in designing, customizing, and implementing ozone-based solutions for water, wastewater, and air treatment. Their business philosophy revolves around integrating the latest technology, customizing solutions to meet end-users' requirements, and ensuring sustainable, high-quality, and safe outcomes.

With a focus on global expansion, aims to collaborate with experienced business associates in the industry to promote ozone technology worldwide. They also prioritize training human resources for the successful implementation of environmentally friendly ozone technology, emphasizing long-term sustainability.

Zeta Ozone Inventions [ZOI] mission is to offer innovative and eco-sustainable solutions that deliver quick returns on investment, energy efficiency, and environmental friendliness. They utilize the latest plug-and-play technology in their design solutions to enhance processes, production, and products.



Zeta Ozone Solution

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| <p>AIR</p> <ul style="list-style-type: none"> • Ozone Air Disinfection • Indoor & Exhaust air Odor Control • Enhance Indoor Air Quality <p>Waste Water</p> <ul style="list-style-type: none"> • Gray Water Treatment & recycling • Laundry waste water treatment & reuse • STP, ETP & industrial waste water Ozonation • Waste Water Color reduction • Zero Liquid Discharge | <p>Water</p> <ul style="list-style-type: none"> • Ozone for Warehouse & Cold Storage • Ozone water disinfection & oxidation Ozone Clean In Place (CIP) • Ozone batch & Flume Washing Ozone Surface Sanitation • Ozone Integrated Laundry System |
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Ozone Gas (O₃) Applications
- Detaild by ~ Zeta Ozone Inventions [Z O I]

Ozone gas (O₃) has VARIOUS APPLICATION in different industrial sectors. Here are some major applications listed for REFERENCE & UNDERSTANDING.

<p>Water treatment</p> <p>OZONE Gas is widely used for water disinfection and purification. It is a powerful oxidizing agent that can effectively kill bacteria, viruses, fungi, and other microorganisms present in water. Ozone is often used as an alternative to chlorine because it does not produce harmful disinfection byproducts.</p>	<p>Waste treatment and remediation</p> <p>OZONE Gas can be used in the treatment of industrial waste and contaminated sites. It can help degrade organic pollutants and remove odors from waste streams. Ozone Gas can be used to maintain ORP - BOD - COD level of water - Before / After processing</p>
<p>Air purification</p> <p>OZONE generators are used to improve indoor air quality by eliminating odors, mold, mildew, and other airborne contaminants. However, it's important to note that ozone can be slightly harmful to humans and should be used with caution in occupied spaces.</p>	<p>Disinfection and sterilization</p> <p>OZONE is utilized for disinfection and sterilization purposes in settings such as hospitals, laboratories, and pharmaceutical facilities. It can effectively deactivate or destroy a wide range of pathogens, including bacteria, viruses, and spores.</p>
<p>Food processing</p> <p>OZONE gas is used in the food industry to disinfect fruits, vegetables, meat, poultry, and seafood. It can effectively kill bacteria and prolong the shelf life of food products. Ozone is also used for cleaning and sanitizing food processing equipment and storage areas.</p>	<p>Agriculture</p> <p>OZONE can be used in agriculture for various purposes to help control pests and diseases by treating seeds, soil, and irrigation water. OZONE is also used for post-harvest storage of fruits and vegetables to extend their shelf life and reduce spoilage.</p>
<p>Medical applications</p> <p>Ozone therapy involves the controlled use of ozone gas for therapeutic purposes. It can be administered through various methods, such as ozonated water, ozonated oils, or intravenous infusion. Ozone therapy is claimed to have potential benefits in treating certain medical conditions, although its efficacy and safety are still subjects of ongoing research.</p>	<p>Dental applications</p> <p>Ozone gas is used in dentistry for various purposes, including disinfection of dental waterlines, treatment of gum infections, and as an adjunct to root canal therapy. Ozone's antimicrobial properties make it useful in oral hygiene and dental care.</p>
<p>Swimming pool water treatment</p> <p>Ozone is sometimes used as a secondary disinfectant in swimming pools to reduce the amount of chlorine required. Ozone can oxidize organic matter, eliminate chloramines (which cause the "chlorine smell"), and enhance water clarity.</p>	<p>Aquarium and aquaculture industry</p> <p>Ozone is used in aquariums and aquaculture systems to improve water quality by reducing organic waste, eliminating pathogens. Which will improving the overall health and quality of aquatic organisms.</p>
<p>Laundry and textile industry</p> <p>Ozone can be used as an alternative to traditional laundry detergents, providing effective cleaning and disinfection of fabrics. Ozone systems are used in commercial laundries to remove stains, kill bacteria, and reduce the need for hot water and chemicals.</p>	<p>Industrial applications</p> <p>Ozone gas finds applications in various industrial processes. It is used for bleaching and oxidizing agents in the textile industry, removing color and odor from wastewater, and treating industrial effluents. Ozone can also be employed for odor control in sewage treatment plants and landfills.</p>
<p>Cooling tower water treatment</p> <p>Ozone is employed in cooling tower systems to control microbiological growth, reduce the use of chemical biocides, and minimize the formation of scaling and corrosion. Ozone treatment helps maintain the efficiency of cooling towers and reduces the risk of Legionella bacteria growth.</p>	<p>Fire and smoke remediation</p> <p>Ozone generators are used in fire and smoke remediation processes to remove odors from affected areas. Ozone can help break down and neutralize odor-causing molecules, improving air quality in fire-damaged spaces.</p>
<p>Research and development</p> <p>Ozone gas is utilized in laboratory settings for research purposes, such as studying its effects on different materials. Research in evaluating its antimicrobial properties, or investigating its potential in various applications.</p>	<p>KEY NOTE :</p> <p><i>It's important to note that while ozone gas has various applications, it can be hazardous to human health in high concentrations. Proper safety measures should be followed when handling and using ozone to prevent exposure and ensure its safe application.</i></p>

ZETA OZONE INVENTIONS [Z O I] - Products [Ozone (G- Grams) || Oxygen (L - LPM)]

OZONE [O ₃] Modules • PORTIONAL (P) ~ Water Cool (WC)
SMALL - (S)
Ozone Generator (ZOI - PS 10G) WC
Ozone Generator (ZOI - PS 15G) WC
Ozone Generator (ZOI - PS 25G) WC
Ozone Generator (ZOI - PS 50G) WC
MEDIUM - (M)
Ozone Generator (ZOI - PM 75G) WC
Ozone Generator (ZOI - PM 100G) WC
Ozone Generator (ZOI - PM 125G) WC
Ozone Generator (ZOI - PM 150G) WC
Ozone Generator (ZOI - PM 175G) WC
Ozone Generator (ZOI - PM 200G) WC
HEAVY - (H)
Ozone Generator (ZOI - PH 225G) WC
Ozone Generator (ZOI - PH 250G) WC
Ozone Generator (ZOI - PH 275G) WC
Ozone Generator (ZOI - PH 300G) WC

OXYGEN [O ₂] Modules • OXY
SMALL - (S)
Oxygen Concentrator (ZOI - OXY 5L)
Oxygen Concentrator (ZOI - OXY 10L)
MEDIUM - (M)
Oxygen Concentrator (ZOI - OXY 15L)
Oxygen Concentrator (ZOI - OXY 20L)
HEAVY - (H)
Oxygen Concentrator (ZOI - OXY 25L)
Oxygen Concentrator (ZOI - OXY 30L)

OZONE [O ₃] Modules • PORTIONAL (P) ~ Air Cool (AC)
SMALL - (S)
Ozone Generator (ZOI - PS 2G) AC
Ozone Generator (ZOI - PS 5G) AC
Ozone Generator (ZOI - PS 10G) AC
Ozone Generator (ZOI - PS 20G) AC
MEDIUM - (M)
Ozone Generator (ZOI - PM 30G) AC
Ozone Generator (ZOI - PM 45G) AC
Ozone Generator (ZOI - PM 60G) AC
HEAVY - (H)
Ozone Generator (ZOI - PH 75G) AC
Ozone Generator (ZOI - PH 90G) AC
Ozone Generator (ZOI - PH 120G) AC

OZONE [O ₃] Modules • COMBO SKID (CSK) ~ Water Cool (WC)
Ozone Generator (ZOI - CSK 25G) WC + OXY 5L
Ozone Generator (ZOI - CSK 50G) WC + OXY 5L
Ozone Generator (ZOI - CSK 75G) WC + OXY 5L
Ozone Generator (ZOI - CSK 100G) WC + OXY 10L
Ozone Generator (ZOI - CSK 125G) WC + OXY 10L
Ozone Generator (ZOI - CSK 150G) WC + OXY 10L
OZONE [O ₃] Modules • COMBO SKID (CSK) ~ Air Cool (AC)
Ozone Generator (ZOI - CSK 10G) AC + OXY 5L
Ozone Generator (ZOI - CSK 20G) AC + OXY 5L
Ozone Generator (ZOI - CSK 30G) AC + OXY 5L
Ozone Generator (ZOI - CSK 45G) AC + OXY 10L
Ozone Generator (ZOI - CSK 60G) AC + OXY 10L
Ozone Generator (ZOI - CSK 75G) AC + OXY 10L

Zeta Ozone Inventions [ZOI] - Industry & Application Solution

- Food, Beverage, Wine & Dairy
Flume Wash | CIP | Surface Sanitation | Production | IAQ | Storage | Transport | Waste Water
- Pharmaceutical
Raw Water | Process | CIP | Air Disinfection | IAQ | Laundry | Transport | Storage | ETP
- Aquaculture
IAQ | Raw Water | Farming | Washing | Process | CIP | Storage | Ice | Transport | Waste Water
- Meat & Poultry
Raw Water | Surface Sanitation | Odor Control | Cold Storage | Process | Picking | ETP
- Agriculture
Soil Remedies | Irrigation | Green House Mist & Shower | Warehouse | Transport
Odor Control | IAQ | Raw Water | Kitchen | Laundry | Swimming Pool | GTP | STP | Cooling Tower
- Hospital & Healthcare
Air Disinfection & Sterilization | IAQ | Raw Water | Sanitation | Laundry | GTP | STP
- Corporate & Residential
IAQ | Raw Water | Laundry | Swimming Pool | GTP | STP
- Tanneries & Textile
Waste Water | Color Reduction
- Paper & Pulp
Bleaching | Waste Water



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Zeta Ozone is committed to providing cutting-edge ozone-based solutions while prioritizing sustainability, efficiency, and adherence to industry standards.

ADDRESS DETAILS

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