

# CHEMLABS

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## **Ozone Generator for Individual Use - Model Oz I**

Ozone is the most powerful oxidative agent that occurs naturally. With its extra free radical oxygen molecule or ion, ozone is able to destroy germs, viruses, and microbes that may cause surface or air contaminations. Furthermore, ozone leaves no chemical residue typical of alternative detergent or synthetic cleaners, and it is one of the most effective sterilizing tools. The anti-microbial properties of ozone is created and provides a powerful sanitizing effect that is capable of killing 99.7% of 650 different kinds of pathogenic organisms (bacteria and fungi).

The Chemlabs Ozone generator has been specially designed for home, personal or office use where the flow rate of Ozone needs to suit human conditions. With a flow of 500 mg/ hour, the Ozone generator is perfectly safe to use in areas such as homes, offices, cars etc to disinfect. The generator uses naturally occurring Oxygen in the air to produce Ozone and weighs only 3 kgs. The generator itself is a compact kit and comes with a double protection cover to ensure a high standard of safety. Fully designed in house and manufactured by us in Bangalore, we ensure high efficiency standards for long running operations.



Please note that Chemlabs is a sister concern of Mayura Analytical LLP

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## *Features*

- Thorough disinfection through controlled production of Ozone at very safe levels
- Microprocessor controlled high frequency design
- Corona discharge technology
- Air cooled circuit and ozone electrode
- Stainless steel grounded electrode
- Double cross connected electrodes for high ozone output
- Maximum Ozone conversion technology
- Double protected cover ensures high safety
- Ease use and application of Ozone through application tube

## *Specifications*

<i>Model</i>	Model Oz I
<i>Ozone Production</i>	0 to 500 mg/hr using surrounding air
<i>Principle</i>	CORONA discharge in quartz tube
<i>Input Flow</i>	Natural air
<i>Ozone indication</i>	Neon lamp indication
<i>Safety</i>	Double protected cover with powder coated aluminium body at the outside Well ventilated unit with fans for efficient functioning of CORONA discharge quartz tube
<i>Application</i>	Ozone application through output tube
<i>Weight</i>	3 kgs
<i>Input-Output</i>	Silicone Rubber Tubing or ¼" SS Swagelok male connection

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