

About Ozone

Ozone is nature's three-molecule solution for safer, more effective sanitation. Today Ozone is used throughout many industries (by companies such as Intel and Coca-Cola) for its powerful disinfection properties, eliminating pesticides, viruses, fungal spores, bacteria, microorganisms, and harmful chemicals. Ozone is considered to be significantly safer than chemical disinfectants since it leaves nothing but oxygen as a by-product.

Biotek Ozone's Commercial Series

- Instant and continuous flow of high concentration ozonated water
- Automated motion sensor prevents the risk of cross-contamination
- Environmentally safe with only O₂ released as a by-product
- Patented off-gas destruct units ensuring complete OH&S compliance
- Safe for all skin types, unlike chemical disinfectants
- Ozone has full FDA approval for direct-food contact applications
- Ozone is the most powerful food-grade antimicrobial agent available
- Eliminates all known bacteria, fungi, yeast, and protozoa
- Simple Plug and Play installation



Convenient

The Biotek Ozone C series is compact and quiet, fitting comfortably into any commercial kitchen.



Control Panel

Hands free operation enables quick and easy use in a busy environment also preventing cross contamination.



Spray/Stream Nozzle

Optional Spray nozzle is ideal food rinsing with the stream nozzle option designed for efficient hand disinfection.



Safe

Non-dissolved ozone gas is reverted to oxygen (O₂). Ensuring compliance with the strictest OH&S standards

Biotek Ozone's Electrolytic Generation Technology

- Compact, Quiet and designed for mass production
- Instant and continuous high concentration ozone
- Point of use, only required input being tap water
- Enable businesses to utilize the disinfection power of ozone
- Simple to operate and easy to install
- Over 40 worldwide patents



Applications



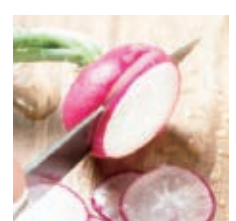
Hand Sanitation



Food Sanitation



Surface Sanitation



Utensil Sanitation

Item	Biotek-Ozone C - 7100	
Ozone generation	Pre-generates ozone for instant and continuous high concentration ozone	
Practicality	Biotek-Ozone's C series only requires tap water as an input and features easy, hands free operation. The C series is compact and features wall mounting	
Efficiency	All of Biotek-Ozone's products have been developed to ensure complete disinfection and sanitation, at any moment the machine is in operation, the ozone concentration will be above required levels	
Maintenance	Specially engineered for simple replacement procedures for extinguishable parts	
Guarantee	One year warranty	

Biotek Electrolytic Ozone Generator VS Conventional Corona Discharge (CD)

Item	Biotek Electrolytic Ozone Generator	Conventional Corona Discharge (CD)
Pollution control	Water (H ₂ O) is electrolyzed to O ₃ , nothing but O ₂ as byproduct, no pollution	Using air as a source will produce NO _x and other carcinogens.
Ozone concentration	H ₂ O → O ₃ at 20% efficiency No warm up time and generates high concentration ozonated water, ensuring most effective disinfection performance.	Air → O ₃ at 3% or Pure O ₂ → O ₃ at 6% efficiency Requiring warm up time and incapable of effectively dissolving ozone into water.
Power Supply	Low voltage DC, ozone generator below 4V Simple circuit reduces hazards of dangerous blowout	High frequency AC voltage is more expensive and potentially more dangerous to operate. Complicate circuit increases chances of failure
Source and pretreatment	Using tap water as the only input is clean, simple and cost effective. Biotek Ozone's F series can generate high concentration ozonated water from any municipal tap water.	Clean air must be ensured for generation process. Air must be cooled and dried through separate support systems.
Ozone generator life	Biotek Ozone's Electrolytic Ozone Generator is guaranteed for 3000 hours in all operating conditions. During this time the Ozone output will always remain above 70% of listed specifications.	Under high frequency voltage, CD electrodes are consumable, affected by air quality and unstable O ₃ generation. Different discharge tube life range 100~1500 hours.
Noise	Low noise due to low voltage.	High frequency and high voltage, results in loud discharge noise during operation.
Space	Compact POU (Point of Use) systems	Support equipment required, incapable of effective POU operation.
Humidity	Capable of operating in almost any ambient conditions	Any air moisture will reduce Ozone outputs significantly
US OSHA Standard Q.3ppm/15min	Complete compliance	No compliance