



ADVANCED AQUEOUS OZONE SANITATION SOLUTIONS

Elevate Food Safety Standards in Bakery & Beverage Industry



99.99%*

Removal Pathogens

*Approved by
International 3rd-party labs



Rapid

Sanitation
and Effective

**NOx
Free**

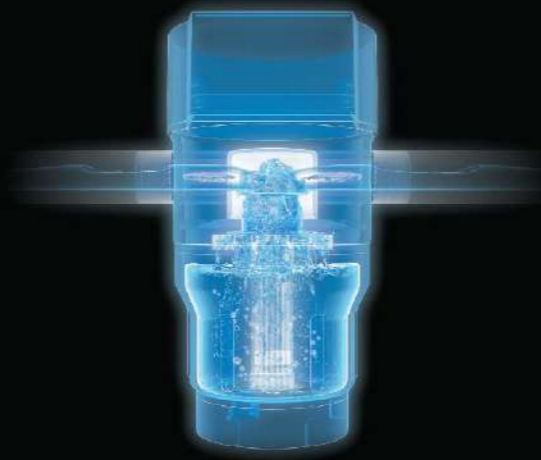
Safe

Not Harmful
Reduce Chemical Use



**Higher
Productivity**

Bakery Food Handling



It All Starts with Dough

The use of ozone as an antimicrobial agent for food processing and agricultural production is recognized by the US FDA. Aqueous ozone, the technology used in BioSure Professional WDS Series, is acknowledged as an organic wash practice. The BioSure Professional WDS Series converts tap water into aqueous ozone directly, providing a safe and residue-free sanitation method that doesn't affect the taste or texture of baked goods, such as bread and pastries.



Even though baking significantly reduces bacterial counts, it does not necessarily eliminate all bacteria on its surface or inside it after baking. Therefore, aqueous ozone plays a crucial role in enhancing food safety by further reducing microbial risks in bakery baking processes.

WDS3000X

WDS6000X



Preventing microbial contamination in bakery processes

Enhance the batter viscosity

Improve water and energy efficiency

Reduce bacterial counts

Reduce chemicals usage

Reduces periodic maintenance

Save time and increase profitability

Prolongs product shelf life

Increases productivity



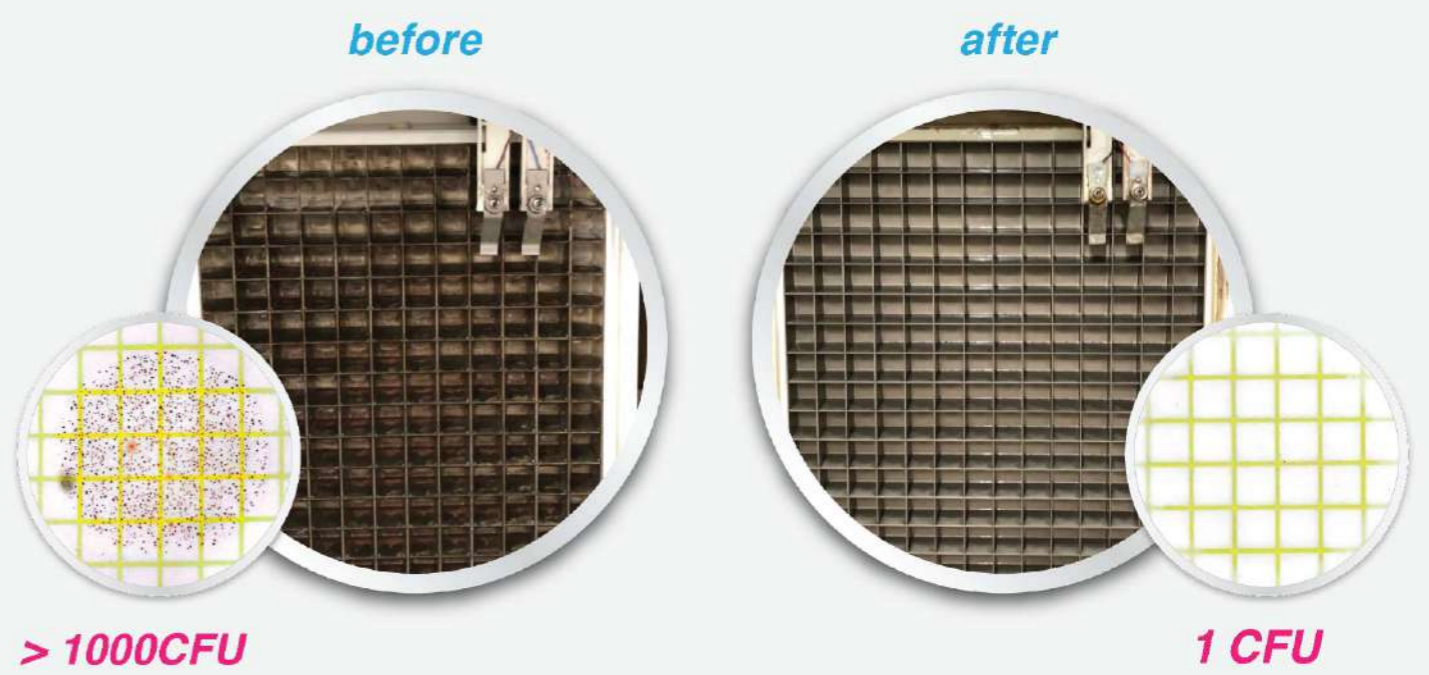
Personal Hygiene Biofilm Prevention Food Zone Sanitation Utensil Sanitation Sanitary Ice Production Sanitary Washdown Waterline Sanitation

Integrated Bacteria Prevention for Filtered Water, Waterlines, and Ice Makers



As cafes and restaurants cater to increasing beverage variety demands, ice hygiene remains critical. BioSure Professional offers ozone disinfection equipment tailored for beverage filtration and water lines, including ice machines and beverage lines. Our systems meet modern hygiene standards (HACCP), reducing costs associated with chemical sanitation while prioritizing customer safety.

Comparison After 2 Months of Ice Machine's Operation



- 
Hand Sanitation
- 
Surface Sanitation
- 
Hygienic Environment
- 
Ice Sanitation
- 
Ice Maker Sanitation
- 
Food Zone Sanitation
- 
Waterline Sanitation
- 
Utensils Sanitation
- 
Biofilm Prevention

Water Disinfection System

WDS600X



Application capacity up to 700 lbs/day (daily ice production)

WDS1200X



Application capacity up to 1800 lbs/day (daily ice production)

Model No.	EOS7210-BX	EOS7211-BX
Dimensions (W x D x H)	73 x 118 x 131 mm (2.8"x 4.6"x 5.1")	73 x 118 x 148 mm (2.8"x 4.6"x 5.8")
Weight (Net)	394 g (0.87 lb)	500 g (1.1 lb)
Power Supply	100 -240V AC, 50/60Hz (24V DC, 1.0A)	100 -240V AC, 50/60Hz (24V DC, 4.0A)
Rated Power	15W	30W
Waterline Connection	1/2"	1/2"
Operating Water Requirements	Cold Clean Tap Water (Filtered to ≤ 1 µm, TDS > 30 ppm, Hardness < 250 ppm)	Cold Clean Tap Water (Filtered to ≤ 1 µm, TDS > 30 ppm, Hardness < 250 ppm)
Nominal Operating Flowrate	60 - 880 LPH (0.3 - 3.9 GPM)	60 - 880 LPH (0.3 - 3.9 GPM)
Aqueous O ₃ Concentration	Up to 1.0 ppm @ 60LPH ^{*3*4}	Up to 1.5 ppm @ 60LPH ^{*3*4}

Water Disinfection System

WDS3000X



WDS6000X



Model No.	EOS7177-PQX	EOS7178-PQX
Dimensions (W x D x H)	140 x 128.5 x 210.5 mm (5.5"x 5.1"x 8.2")	168 x 146.5 x 273.9 mm (6.6"x 5.7"x 10.8")
Weight (Net)	1.3 kg (2.9 lb)	3.0 kg (6.6 lb)
Power Supply	100 -240V AC, 50/60Hz (24V DC, 4.0A)	100 -240V AC, 50/60Hz (15V DC, 10.5A)
Rated Power	96W	96W
Waterline Connection	3/4"	1"
Operating Water Requirements	Cold Clean Tap Water (Filtered to ≤ 1 µm, TDS > 30 ppm, Hardness < 250 ppm)	Cold Clean Tap Water (Filtered to ≤ 1 µm, TDS > 30 ppm, Hardness < 250 ppm)
Nominal Operating Flowrate	60 - 880 LPH (0.3 - 3.9 GPM)	200 - 4000 LPH (0.9 - 18.0 GPM)
Aqueous O ₃ Concentration	Up to 2.5 ppm @ 80LPH ^{*3}	Up to 3.0 ppm @ 200LPH ^{*3}

Professional Ozone Spray Bottle

OSB



150ml

Model No.	EOS7161-P
Dimensions (D x H)	255 mm (10") Height 53 mm (2.1") Diameter
Weight (Net)	308 g (0.7 lb)
Power Supply	5V DC, 1.0A (USB-C)
Battery Capacity	Li-ion 3.7V, 1200mAh
Operating Water Requirements	Cold Clean Tap Water (TDS > 30 ppm, Hardness < 180 ppm)
Bottle Water Volume	Max. 150 ml (5 oz)
Aqueous O ₃ Concentration	Up to 3.0 ppm ^{*3}

- *1. TDS: Total Dissolved Solids is the total amount of solids dissolved in the water. Its concentration will affect the conductivity of water.
- *2. Hardness: Water hardness as CaCO₃ level in water, expressed in ppm.
- *3. The TDS in water is associated with the conductivity in water, which in turn affects the performance of directelectrolytic aqueous ozone generation process. Minimum TDS > 30 ppm is required for getting the basic performance for BioSure Professional products that is developed with direct-electrolytic aqueous ozone technology. For best performance, for the type of products, TDS > 60 is recommended for the water used.
- *4. Typically, the water basin of ice machines with a capacity of up to 1800lbs contains a residual amount of dissolved ozone of around 0.05 parts per million (ppm) under general conditions. However, the actual performance may vary depending on factors such as flow conditions, temperature, and influent water quality. The standard test conditions for this measurement are an input water pressure of 1.5 kg/cm² (20 psi), a temperature of 25°C (77°F), and a total dissolved solids (TDS) level of 60 ppm.

