BioSure PROFESSIONAL

Safeguard HORECA with Elevated Food Safety



ADVANCED FOOD SAFETY OZONE SANITATION SOLUTIONS

Designed for Hospitality and Foodservice Excellence

NOx Free
Not Harmful Not Corrosive

Clean & Effective

Reduce Chemical Use

Higher Productivity

Designed to Exceed Hygiene Standards

Professional Ozone Solutions for Safer HORECA

For over 30 years, BioSure Professional has been a pioneering industry leader in the development, manufacturing, and supply of environmentally-friendly microbial controls and sanitation systems that harness electrolytic ozone generated from water and electricity. Our extensive expertise in aqueous ozone equipment manufacturing has enabled us to introduce innovative ozone sanitation products specifically designed for the Food and Beverage (F&B) industry, thereby enhancing food safety and beverage quality for operators worldwide.

Safe and Sustainable Food Safety and Sanitation

At BioSure Professional, we understand the critical importance of maintaining hygienic conditions in the HORECA (Hotel, Restaurant, and Catering) sector. To address this, we have harnessed the potent and natural disinfecting power of ozone, creating effective and sustainable sanitation solutions for various applications within the Food and Beverage (F&B) industry. Our unwavering commitment to food safety and sanitation drives our provision of pioneering, secure, and reliable ozone products, complemented by comprehensive solutions tailored to uphold the industry's utmost standards of food safety and sanitation.

Ozone is one of the strongest naturally occurring oxidants and is highly effective in killing bacteria, viruses, and other harmful microorganisms. Our patented Electrolytic Ozone Generation (EOG) technologies deliver easy-to-use, effectively dissolved ozone in water safely and reliably without using harmful chemicals that can alter tastes. And, unlike traditional sanitizers, ozone reverts to oxygen after use, leaving no harmful residues or by-products.

Our cutting-edge sanitation technology offers specialized applications for various types and stages of food handling or processing, including water disinfection, produce wash, beverage waterlines hygiene maintenance, ice machine hygiene maintenance, and hygiene improvement. With our comprehensive solutions, F&B operators can improve food safety, reduce chemical usage, minimize downtime, and surpass regulatory standards.

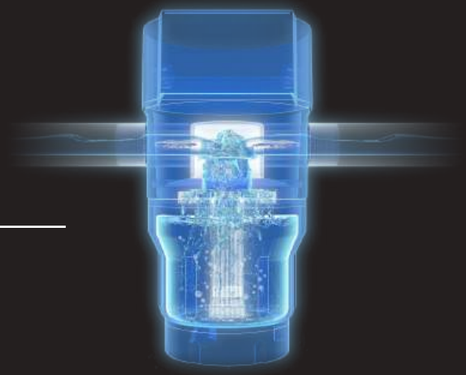


"I trust BioSure Professional ozone to keep kitchen sanitation at the highest level and to ensure safest and freshest food for diners while naturally cleaning the highest level ingredients as they should."

Chef Jean Luc Voegele, ex-Executive Chef at Westin Denver Downtown, an advocator for food safety and BioSure Professional solutions.



Kitchen Food Handling



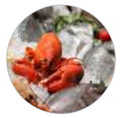
- Surface sanitation
- Food sanitation
- Organic wash
- Increases productivity
- Reduce bacterial counts
- Reduces chemical use
- Reduces corporate carbon footprint

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 food.

With the BioSure Professional WDS Series, food processing and kitchen operators can maintain high food safety standards and reduce operational costs associated with traditional sanitation methods. These solutions offer a safe and effective alternative that eliminates the need for harmful chemicals and leaves no residue. You can trust BioSure Professional to properly and safely sanitize your food while reducing your operational costs.




Personal Hygiene


Food Purification


Utensil Sanitation


Equipment Integration


Sanitary Washdown


Hygienic Defrosting


Odor Control

WDS3000X

MODEL: EOS7177-PQX

- Up to 2.5 ppm



- Electrolytic Ozone Generation (EOG) technology.
- Easy in-line installation.
- Simple flow-start design.
- Replaceable EOG Cell Cartridge.

HIGH FLOW

WDS6000X

MODEL: EOS7178-PQX

- Up to 2.5 ppm



- Large flow capability.
- User-friendly display and controls.
- Intelligent self-booster program.
- Smart self-cleaning maintenance program.

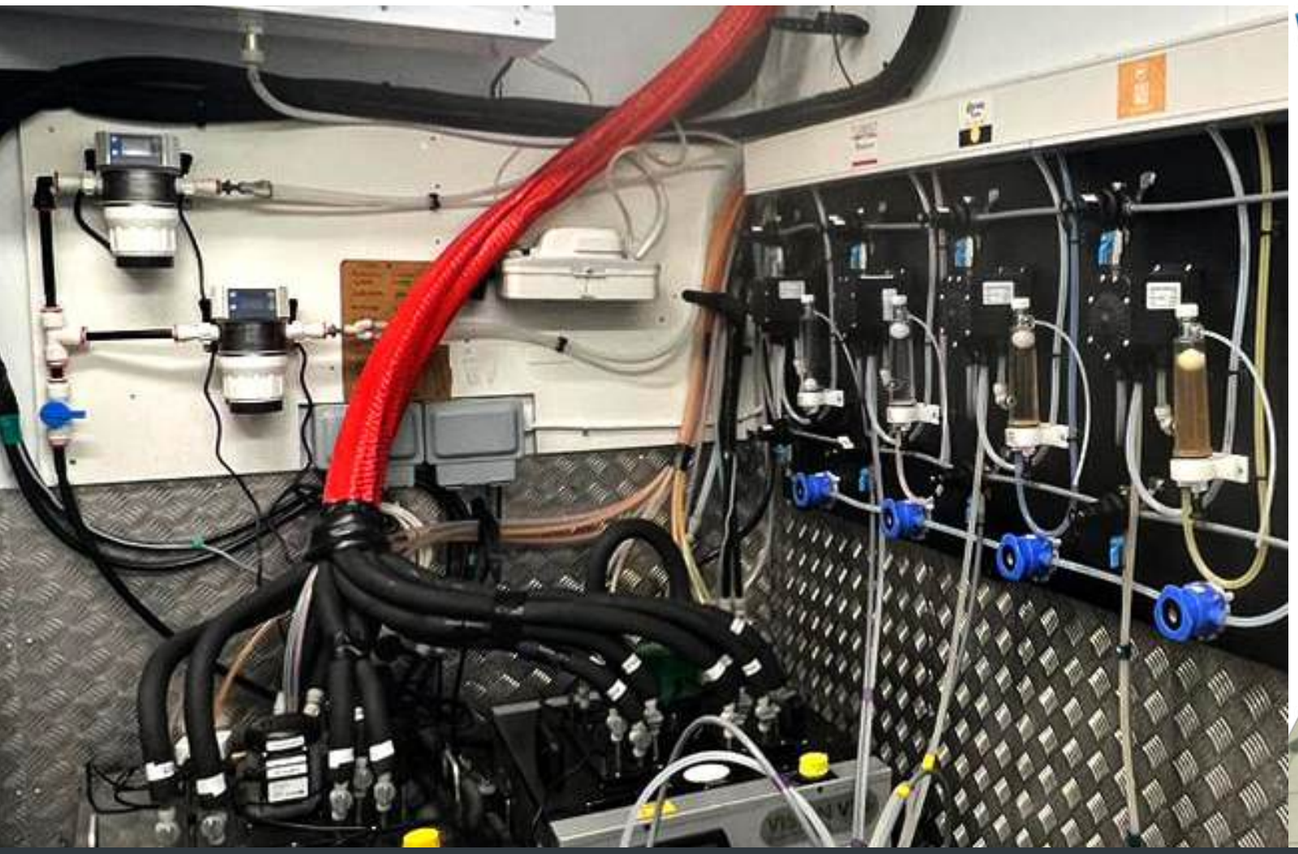
Beer Line Cleaning and Hygiene

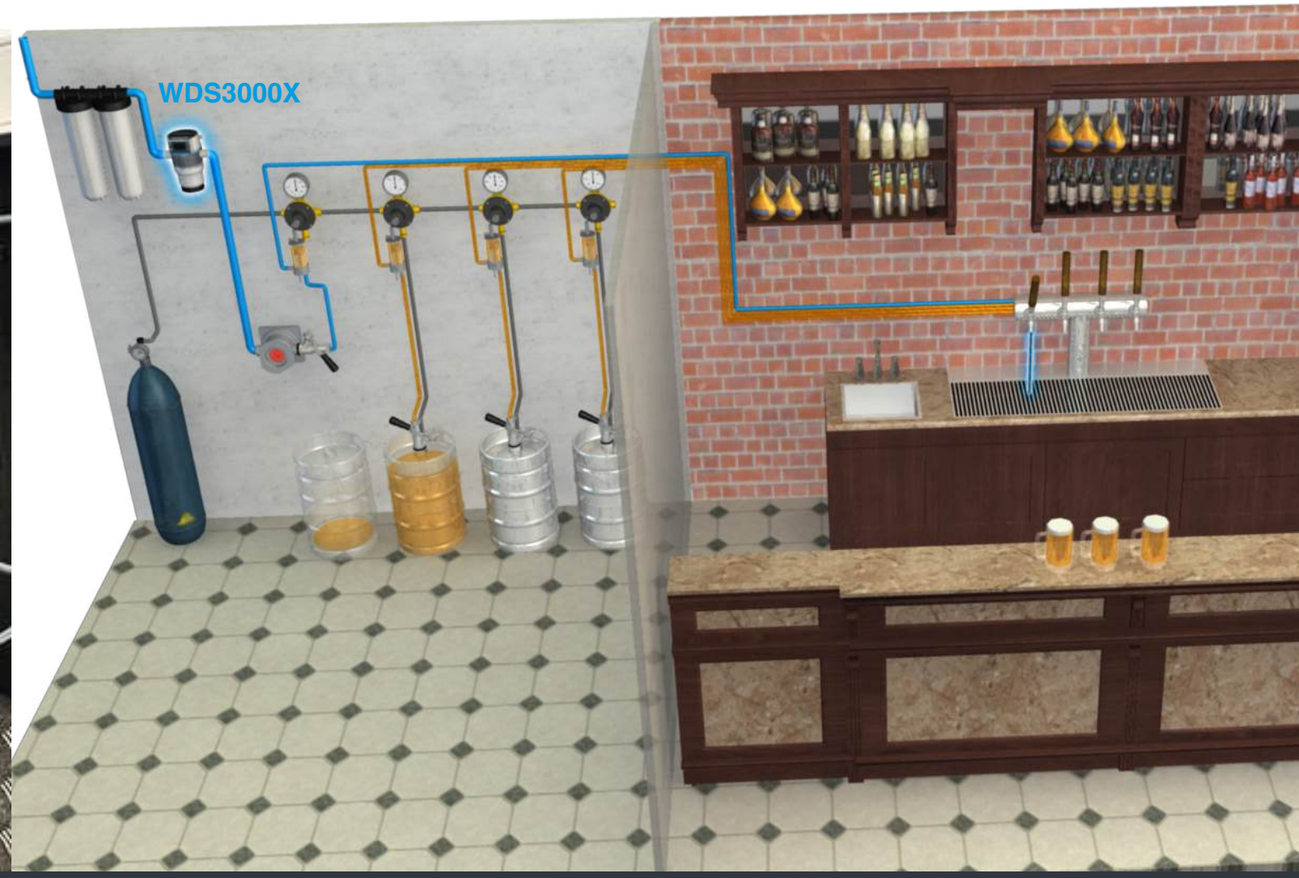


The WDS3000X can also be used as an automated cleaning and sanitation system for beer lines. Just connect it to a regular tap water supply, and it produces highly effective ozone water for beer line sanitation. The WDS3000X is safe and efficient, providing an easy way to keep beer lines clean and improve hygiene protocols and maintain the highest quality taste without fear of using dangerous caustic chemicals.

By investing in the WDS3000X, you can save time and effort in maintaining beer lines, while keeping up with the latest hygiene standards. Trust BioSure Professional to provide reliable and efficient solutions for your business.

- Maximizes keg yield
- Maintains beer quality
- Saves money and time
- Improves hygiene and health
- Reduces beer wastage





Ice and Beverage Waterlines

- Waterline biofilm preventive maintenance
- Reduces personnel maintenance requirements
- Maintains ice hygiene and quality 24/7
- Improves equipment performance
- Saves costs and energy
- Enhances customer satisfaction

WDS600X

MODEL: EOS7210-BX

Up to 1.0 ppm



- Reduce maintenance cost
- Ice maker compatible
- In-line & in-water sanitation

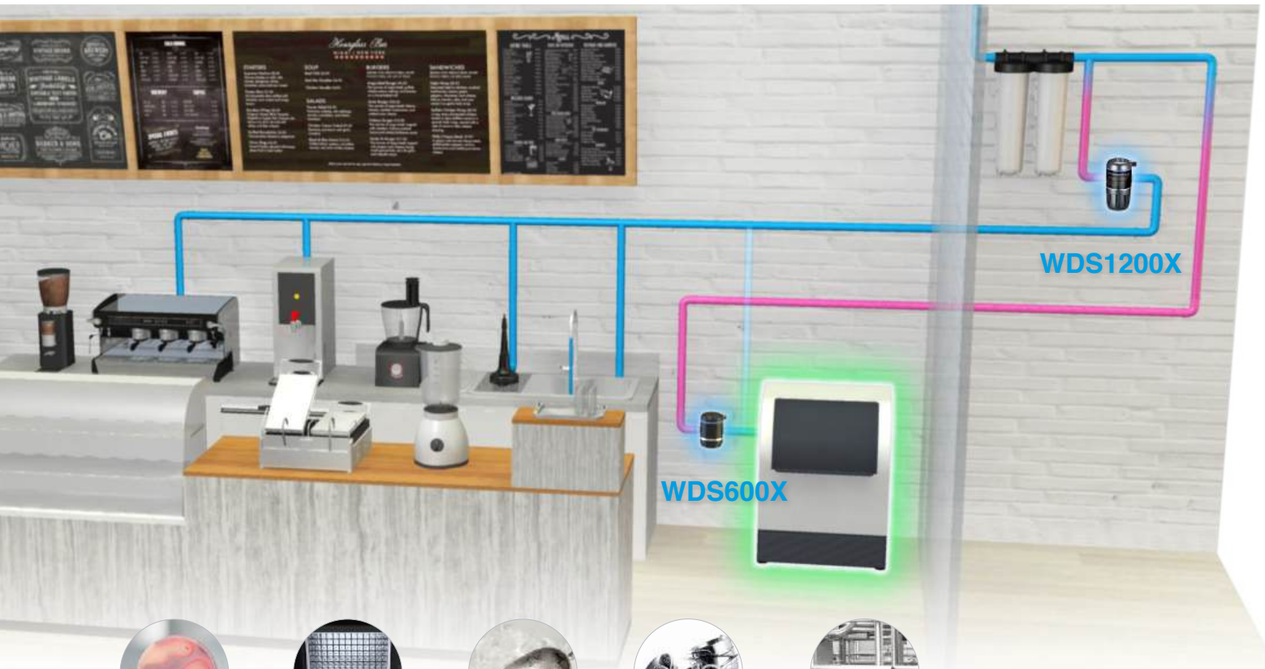
WDS1200X

MODEL: EOS7211-BX

Up to 2.0 ppm



- Automatic & Continuous
- Safe dose for equipment
- No taste change in produced ice




Biofilm Control


Food Zone Sanitation


Sanitary Ice Production


Utensils Sanitation


Waterline Sanitation

Portable Ozone Solution

Simple innovation, naturally add a level of hygiene control

BioSure Professional Ozone Spray Bottle is designed as an environmentally-friendly alternative sanitizer spray for general surfaces. The OSB uses breakthrough innovative technology which enables concentrated aqueous ozone to be generated directly in water. It is then ready for use as a surface sprayer to reduce pathogens.


Hand sanitation


Surface sanitation


Hygienic environment



Professional Ozone Spray Bottle

MODEL: EOS7161-P

- Only need tap water
- USB-C rechargeable
- 99.9% of bacteria kill in 5 sec
- Water based powerful oxidant sanitizer
- 10,500 bottles of operation service life

SPECIFICATIONS

WDS600X Water Disinfection System

EOS7210-BX



Application Capacity
Up to 700 lbs/day
(daily ice production)

Electrolytic Ozone Production		60 mg/hr (±10%)
Ozone Cartridge Lifespan (Operating Hours)		1000 hr
Dimensions (W x D x H)		117.8 x 72.9 x 123.1 mm (4.6" x 2.9" x 4.8")
Net Weight		394 g (0.9 lb)
Power Supply (Power Adaptor Included)		100 - 240V AC, 50/60Hz (Adaptor Output: 24V DC, 1.0A)
Electrical Rating		15W
Working Water Quality		Cold Clean Tap Water
Nominal Operating Flow Rate		60 - 1650 LPH (0.3 - 7.3 GPM)
Nominal Operating Flow Pressure		0.5 - 7.0 kg/cm² (7.1 - 100 psi)
Waterline Connections	Inlet	1/2" Female Swivel Nut Adapter
	Outlet	1/2" Male Thread Pipe Fitting
Aqueous O_3 Concentration		Up to 1.0 ppm

WDS1200X Water Disinfection System

EOS7211-BX



Application Capacity
Up to 1800 lbs/day
(daily ice production)

Electrolytic Ozone Production		120 mg/hr (±10%)
Ozone Cartridge Lifespan (Operating Hours)		1000 hr
Dimensions (W x D x H)		117.8 x 72.9 x 148.2 mm (4.6" x 2.9" x 5.8")
Net Weight		473 g (1.0 lb)
Power Supply (Power Adaptor Included)		100 - 240V AC, 50/60Hz (Adaptor Output: 5 - 15V DC, 2.0A)
Electrical Rating		30W
Working Water Quality		Cold Clean Tap Water
Nominal Operating Flow Rate		60 - 1650 LPH (0.3 - 7.3 GPM)
Nominal Operating Flow Pressure		0.5 - 7.0 kg/cm² (7.1 - 100 psi)
Waterline Connections	Inlet	1/2" Female Swivel Nut Adapter
	Outlet	1/2" Male Thread Pipe Fitting
Aqueous O_3 Concentration		Up to 2.0 ppm

WDS3000X Water Disinfection System

EOS7177-PQX



Electrolytic Ozone Production		300 mg/hr (±10%)
Ozone Cartridge Lifespan (Operating Hours)		1000 hr
Dimensions (W x D x H)		140 x 128.5 x 210.5 mm (5.5"x 5.1"x 8.3")
Net Weight		1.3 kg (2.9 lb)
Power Supply (Power Adaptor Included)		100 - 240V AC, 50/60Hz (Adaptor Output: 24V DC, 4.0A)
Electrical Rating		96W
Working Water Quality		Cold Clean Tap Water
Nominal Operating Flow Rate		100 - 2300 LPH (0.4 - 10.1 GPM)
Nominal Operating Flow Pressure		0.5 - 7.0 kg/cm² (7.1 - 100 psi)
Waterline Connections	Inlet	3/4" Male Thread Pipe Fitting
	Outlet	3/4" Male Thread Pipe Fitting
Aqueous O_3 Concentration		Up to 2.6 ppm

WDS6000X Water Disinfection System

EOS7178-PQX



HIGH FLOW

Electrolytic Ozone Production		600 mg/hr (±10%)
Ozone Cartridge Lifespan (Operating Hours)		1000 hr
Dimensions (W x D x H)		168 x 146.5 x 273.9 mm (6.6"x 5.7"x 10.8")
Net Weight		3.0 kg (6.6 lb)
Power Supply (Power Adaptor Included)		AC 100-120V or 220-240V, 50/60Hz (Adaptor Output: 5 - 16V DC, 10.5A)
Electrical Rating		170W
Working Water Quality		Cold Clean Tap Water
Nominal Operating Flow Rate		200 - 4600 LPH (0.9 - 20.2 GPM)
Nominal Operating Flow Pressure		0.5 - 7.0 kg/cm² (7.1 - 100 psi)
Waterline Connections	Inlet	1" Male Thread Pipe Fitting
	Outlet	1" Male Thread Pipe Fitting
Aqueous O_3 Concentration		Up to 2.6 ppm

OSB Professional Ozone Spray Bottle

EOS7161-P



150ml

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

*1. For models labeled with the 'X' suffix, the specified production values represent the "combined oxidizing power" of all active oxidizing substances generated, measured in terms of their equivalence to dissolved ozone concentration (mg/L).

*2. Warranty: BES Group guarantees these electrolytic ozone cartridges for 6 months from the purchase date or the recommended replacement cycle (whichever is earlier). Moreover, a two-year warranty is included. For models labeled with the 'X' suffix, regular acid cleaning maintenance may be necessary, depending on actual water conditions during operation, to ensure the specified lifespan.

*3. Cold Clean Tap Water: < 30°C, Filtered to ≤ 1 μm, TDS ≥ 60 ppm, Hardness < 250 ppm as $CaCO_3$. Minimum TDS ≥ 30LPH is required for minimum electrolytic performance.

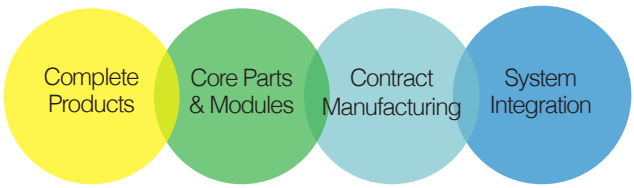
*4. TDS, which stands for Total Dissolved Solids, represents the overall quantity of solids dissolved in the water. Its concentration significantly influences the water's conductivity.

*5. Hardness refers to the presence of calcium carbonate ($CaCO_3$) in water, which is measured in parts per million (ppm).

BioSure PROFESSIONAL

CLEAN · SAFE · OZONE

BES Group, a leader in electrolytic technology since 1988, provides products that generate ultra-pure ozone and hydrogen through water electrolysis. Our solutions are widely adopted across various industries, including Sanitary & Wellness, HORECA, Food Supply, Health & Hygiene Care, and Water System Treatment. BES Group products undergo rigorous testing for high performance, safety, and reliability. They are certified by government agencies and renowned third-party laboratories, ensuring the highest quality standards for our customers.



Technologies applied are protected by one or more of the following patents: US 8,308,914 B2, US 9,757,697 B2, US 9,248,208 B2

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BES Group is continually improving its products and reserves the right to change specifications without notice.
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