



ADVANCED FOOD SAFETY OZONE SANITATION SOLUTIONS

Designed for Professional Food and Beverage Services & Food Processing Operations

NOx
Free

Not Harmful
Not Corrosive



Clean &
Effective



Reduce
Chemical Use



Higher
Productivity

Designed to Exceed Hygiene Standards

BioSure Professional Ozone for Food & Beverage

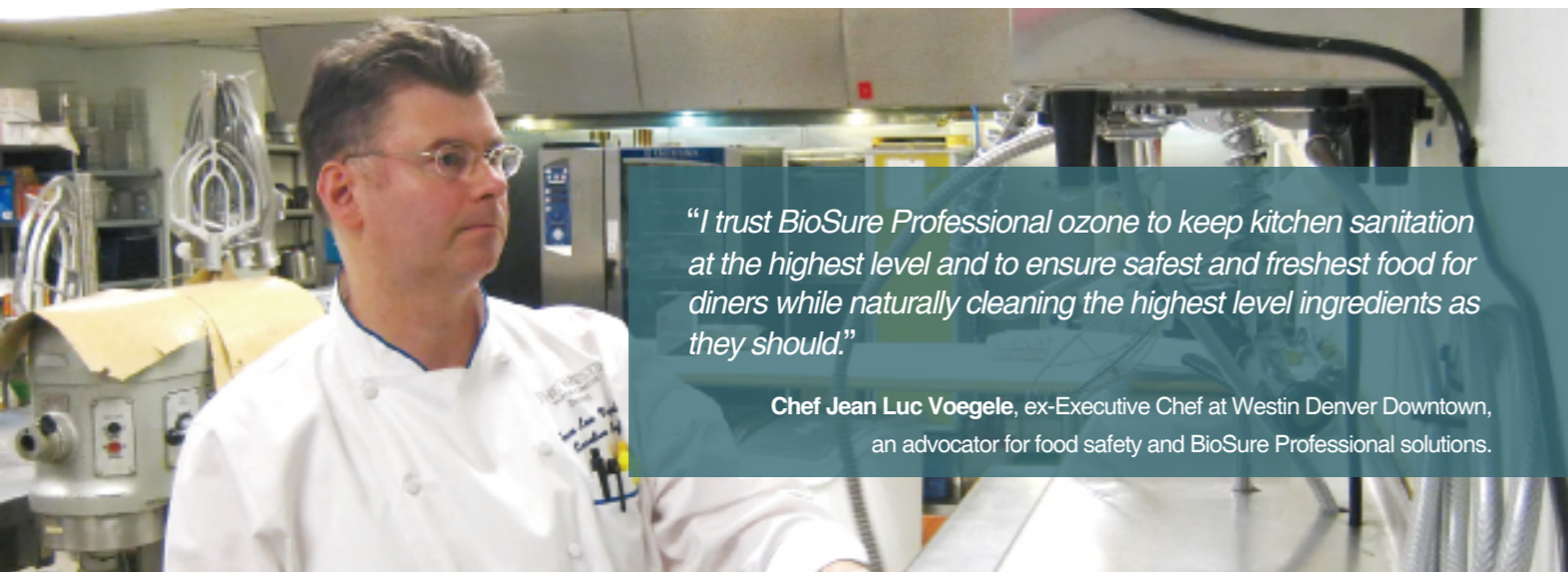
For over 30 years, BioSure Professional has been an industry leader in the development, manufacturing, and supply of environmentally-friendly microbial controls and sanitation systems using electrolytic ozone made from water and electricity. Our expertise in ozone equipment manufacturing has allowed us to innovate ozone products for F&B, enhancing food safety and beverage quality for operators worldwide.

Safe and Sustainable Food Safety and Sanitation

At BioSure Professional, we understand the importance of food safety and sanitation in the food and beverage industry. This is why we offer innovative, safe, and reliable ozone products and comprehensive solutions for 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.



WDS In-line Series Aqueous Ozone Water System

Food Processing and Kitchen Food Handling



- ✓ Organic Wash
- ✓ Reduces Chemical Use
- ✓ Increases Productivity
- ✓ 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.



WDS1200X

MODEL: EOS7211-BX

■ Up to 1.5 ppm



WDS3000X

MODEL: EOS7177-PQX

■ Up to 2.5 ppm







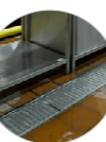


WDS6000X

MODEL: EOS7178-PQX

■ Up to 3.5 ppm



- 
Personal Hygiene
- 
Food Purification
- 
Utensil Sanitation
- 
Equipment Integration
- 
Sanitary Washdown
- 
Hygienic Defrosting
- 
Odor Control

- Electrolytic Ozone Generation (EOG) technology.
- Easy in-line installation.
- Simple flow-start design.
- Replaceable EOG Cell Cartridge.
- Large flow capability.
- User-friendly display and controls.
- Intelligent self-booster program.
- Smart self-cleaning maintenance program.

WDS In-line Series Aqueous Ozone Water System

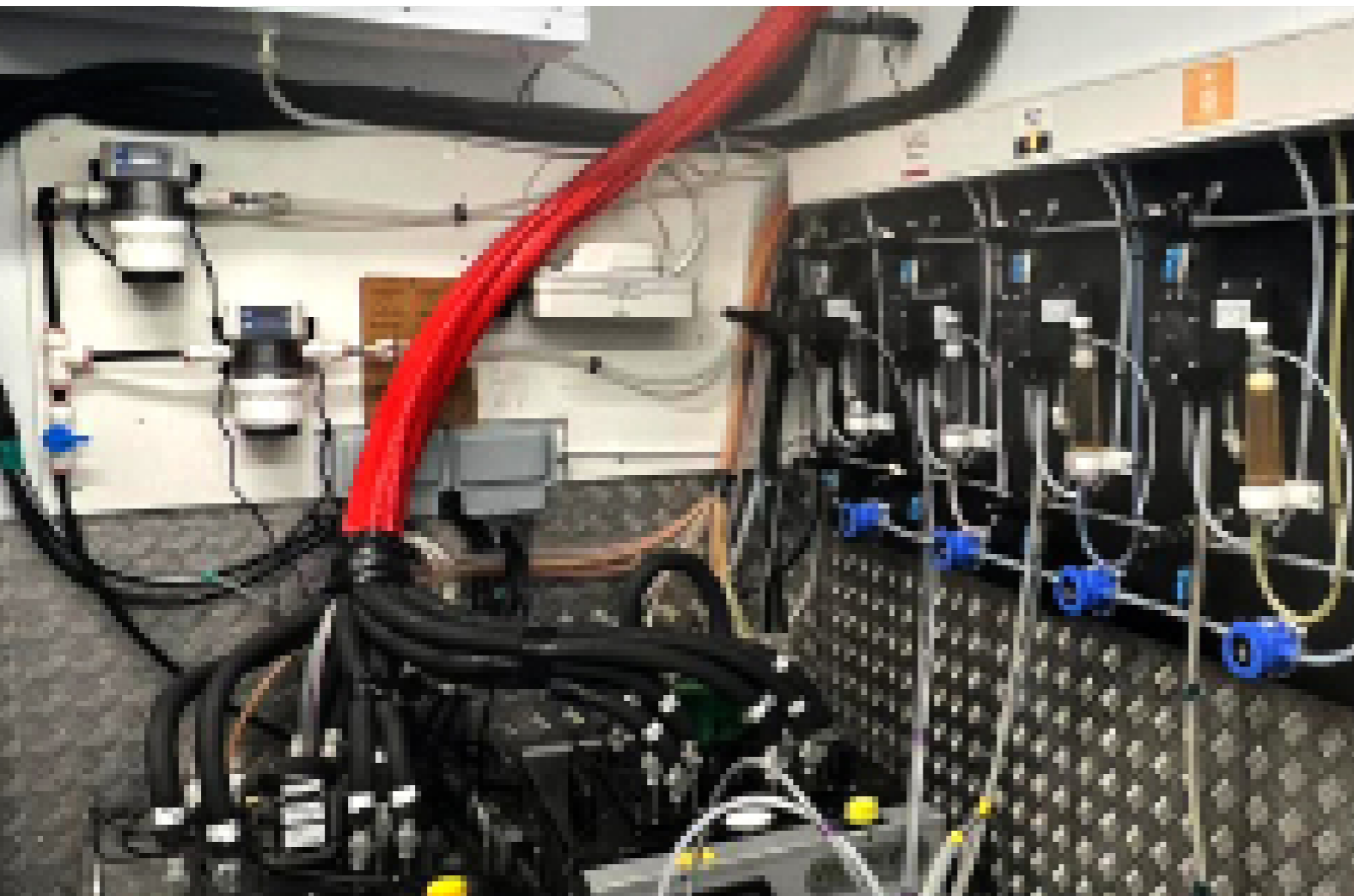
Beer Line Hygiene



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
- ✓ Improves hygiene and health
- ✓ Maintains beer quality
- ✓ Reduces beer wastage
- ✓ Saves money and time



Ice Machine Hygiene Solution

Deliver ice hygiene at all times

- ✓ Maintains ice quality 24/7
- ✓ Saves money and energy
- ✓ Improves equipment performance
- ✓ Enhances customer satisfaction

BioSure Professional CIS1800X is a turnkey solution for keeping your ice machine clean. The system produces aqueous ozone directly in the water, reducing waterborne pathogens and preventing biofilm build-up. This ensures a safe and healthy ice production process, which is crucial for your customers' well-being.



The CIS1800X is a compact device that can be easily integrated with most ice machines under 1800 lb of daily production. By reducing the need for cleaning due to biofilm, the CIS1800X saves time, money, and the environment. With the BioSure Professional CIS1800X, you can maintain a clean and healthy ice production process, providing your customers with the freshest and safest ice possible.



CIS1800X

MODEL: EOS7210-IX

- In-line & in-water sanitation
- Automatic & Continuous
- Safe dose for equipment
- No taste change in produced ice

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.




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

WDS1200X Water Disinfection System


	Dimensions (W x D x H)	73 x 118 x 148 mm (2.8"x 4.6"x 5.8")
	Weight (Net)	500 g (1.1 lb)
	Power Supply	100 -240V AC, 50/60Hz (24V DC, 4.0A)
	Rated Power	30W
	Waterline Connection	1/2"
	Operating Water Requirements	Cold Clean Tap Water (Filtered to $\leq 1 \mu\text{m}$, TDS*1 > 30 ppm, Hardness*2 <250 ppm)
	Nominal Operating Flowrate	60 - 880 LPH (0.3 - 3.9 GPM)
	Aqueous O ₃ Concentration	Up to 1.5 ppm @ 60 LPH*3

CIS1800X Clean Ice System


	Dimensions (W x D x H)	73 x 118 x 131 mm (2.8"x 4.6"x 5.1")
	Weight (Net)	394 g (0.87 lb)
	Power Supply	100 -240V AC, 50/60Hz (24V DC, 1.0A)
	Rated Power	15W
	Waterline Connection	1/2"
	Operating Water Requirements	Cold Clean Tap Water (Filtered to $\leq 1 \mu\text{m}$, TDS > 30 ppm, Hardness <250 ppm)
	Nominal Operating Flowrate	880 LPH (3.9 GPM)
	Aqueous O ₃ Concentration	0.05 (avg.)*4

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

WDS3000X Water Disinfection System


	Dimensions (W x D x H)	140 x 128.5 x 210.5 mm (5.5"x 5.1"x 8.2")
	Weight (Net)	1.3 kg (2.9 lb)
	Power Supply	100 -240V AC, 50/60Hz (24V DC, 4.0A)
	Rated Power	96W
	Waterline Connection	3/4"
	Operating Water Requirements	Cold Clean Tap Water (Filtered to $\leq 1 \mu\text{m}$, TDS > 30 ppm, Hardness <250 ppm)
	Nominal Operating Flowrate	60 - 2000 LPH (0.3 - 9.0 GPM)
	Aqueous O ₃ Concentration	Up to 2.5 ppm @ 60 LPH*3

OSB Professional Ozone Spray Bottle

	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

150ml

WDS6000X Water Disinfection System

	Dimensions (W x D x H)	202 x 141.5 x 273.2 mm (8.0"x 5.6"x 10.8")
	Weight (Net)	3.0 kg (6.6 lb)
	Power Supply	100 -240V AC, 50/60Hz (15V DC, 10.5A)
	Rated Power	96W
	Waterline Connection	1"
	Operating Water Requirements	Cold Clean Tap Water (Filtered to $\leq 1 \mu\text{m}$, TDS > 30 ppm, Hardness <250 ppm)
	Nominal Operating Flowrate	60 - 4000 LPH (0.3 - 18.0 GPM)
	Aqueous O ₃ Concentration	Up to 3.5 ppm @ 60 LPH*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.



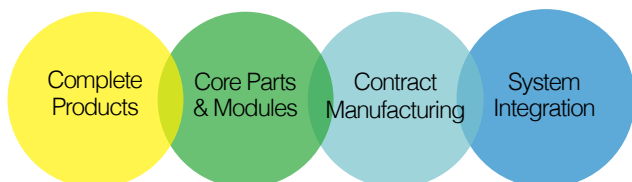
BioSure

PROFESSIONAL

CLEAN · SAFE · OZONE

About Us

BES Group has been the world leader in electrolytic technology since 1988, providing products that convert water to ultra-pure ozone and hydrogen. These products are widely used across a range of industries, including food safety, ice and beverage, dentistry, healthcare, professional laundry, professional cleaning, maritime, and home sanitation and wellness. BES Group products are rigorously tested for high performance, safety, efficacy, and reliability, and have received certifications from government agencies and leading third-party laboratories. Customers can be assured that all components and products meet the highest quality standards.



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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