

# Ozone Sanitation Solutions

Designed for Food Processing and Professional Kitchens



WDSmax

**SIMPLE · SAFE · EFFECTIVE**

# WDSmax

## Aqueous Ozone Water System



Not harmful  
Not Corrosive



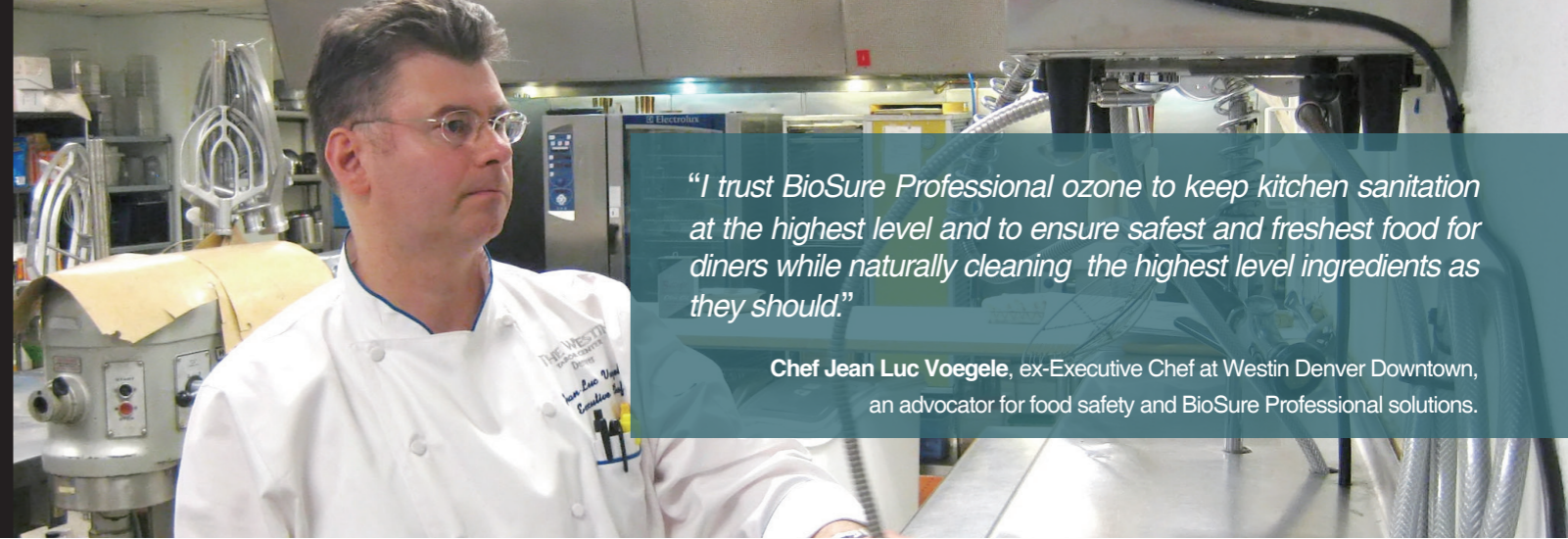
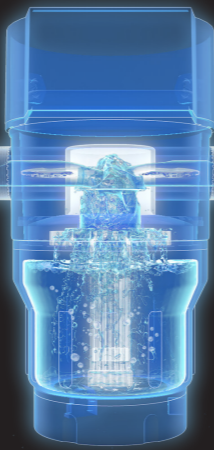
Clean &  
Effective



Reduce  
Chemical Use



Higher  
Productivity



"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 advocate for food safety and BioSure Professional solutions.

### Natural sanitation simply from water and electricity

BioSure Professional WDSmax uses innovative Electrolytic Ozone Generation (EOG) technology that directly convert water and electricity to aqueous ozone. Ozonated water is a powerful, yet safe and natural oxidant that is effective at destroying bacteria, viruses, and mold. Once it is used it reverts back to water and oxygen. It is a safe and residue-free sanitation method. It leaves no residual and doesn't change taste and texture of food. The US FDA has recognized ozone as an antimicrobial agent suitable for use in Food Processing and Agricultural Production\*1.

\*1. Notice of this recognition appeared in the Federal Register, June 26, 2001.

### Cleans and sanitizes at the same time

Dissolved ozone is the most powerful natural sanitizer for eliminating pathogens in food preparation area. Tested and proved by independent agencies and world leading food technology labs for its effectiveness and safety BioSure Professional products are well-known by international food service operators. BioSure Professional's food safety & sanitation solutions enable food processing and kitchen operators to comply HACCP requirements in order to reduce food safety risks and costs.



### Flexible installation to meet your kitchen applications



Hand Wash



Cross Contamination Prevention



Food Defrosting & Purification



Utensils & Equipments Sanitation



Produce Washer Integration



Wash-Down & Sanitation



## WDSmax

MODEL: EOS7178-PQX

- 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.





# Specifications

## WDSmax

EOS7178-PQX



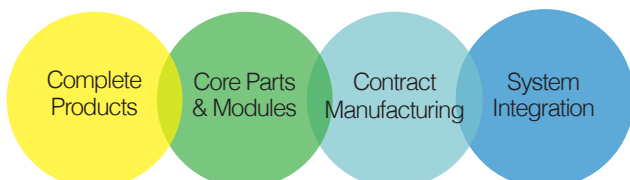
Dimensions	(mm)	W202 x D141.5 x H273.2 (mm)
	(Inch)	W8.0" x D5.6 x H10.8"
Net Weight		3.0 kg (6.6 lb)
Power Supply		100-240V AC, 50/60Hz (15V DC, 10.5A)
Max. Operating Pressure		< 7 kg/cm <sup>2</sup> (100 psi)
Recommended Nominal Operating Pressure		3 kg/cm <sup>2</sup> (43 psi)
Max. Flow Rate @3 kg/cm <sup>2</sup>		4000 LPH (66.6LPM/17.6GPM)
Waterline Connection		1"
Operating Water Quality Requirements		Clean Municipal Tap Water* <sup>1</sup>
Optimal Water Temperature		5 - 40°C (41 - 104°F)
Degree of Protection		IP55
Aqueous O <sub>3</sub> Concentration	Nominal Flow @300LPH (1.3GPM)	2.0 ppm* <sup>2</sup> (approx.)

\*1. Recommended water quality: Filtered to  $\leq 1 \mu\text{m}$ , TDS >60 ppm, Hardness <250ppm (as CaCO<sub>3</sub>). Minimum TDS  $\geq 30$  ppm is required for basic performance.

\*2. Test environment conditions: Ambient 25°C, 1 atm; Water - 20°C, filtered to 1  $\mu\text{m}$ , TDS = 100 ppm, flow pressure = 3 kg/cm<sup>2</sup>. Actual performance can vary from the listed data due to operating conditions (such as flow rate, pressure, water temperature and water quality)

## About Us

Since 1988, BES Group has been the global leader of electrolytic technology that converts water to ultra-pure ozone and hydrogen. Products applications include Food Safety, Ice & Beverage, Dentistry, Healthcare, Professional Laundry, Professional Cleaning, Maritime, and Home Sanitation & Wellness. All products and components are tested for high performance, safety, efficacy and reliability with certifications from government agencies and leading 3rd party labs.



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ISO 9001 Certified



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

Member of



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

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