

# WDS SERIES Ozone Sanitation Solutions

Designed for Food Processing and Professional Kitchens



WDS3000X

WDS6000X

**SIMPLE · SAFE · EFFECTIVE**



# WDS In-line Series Aqueous Ozone Water System



Not harmful  
Not Corrosive



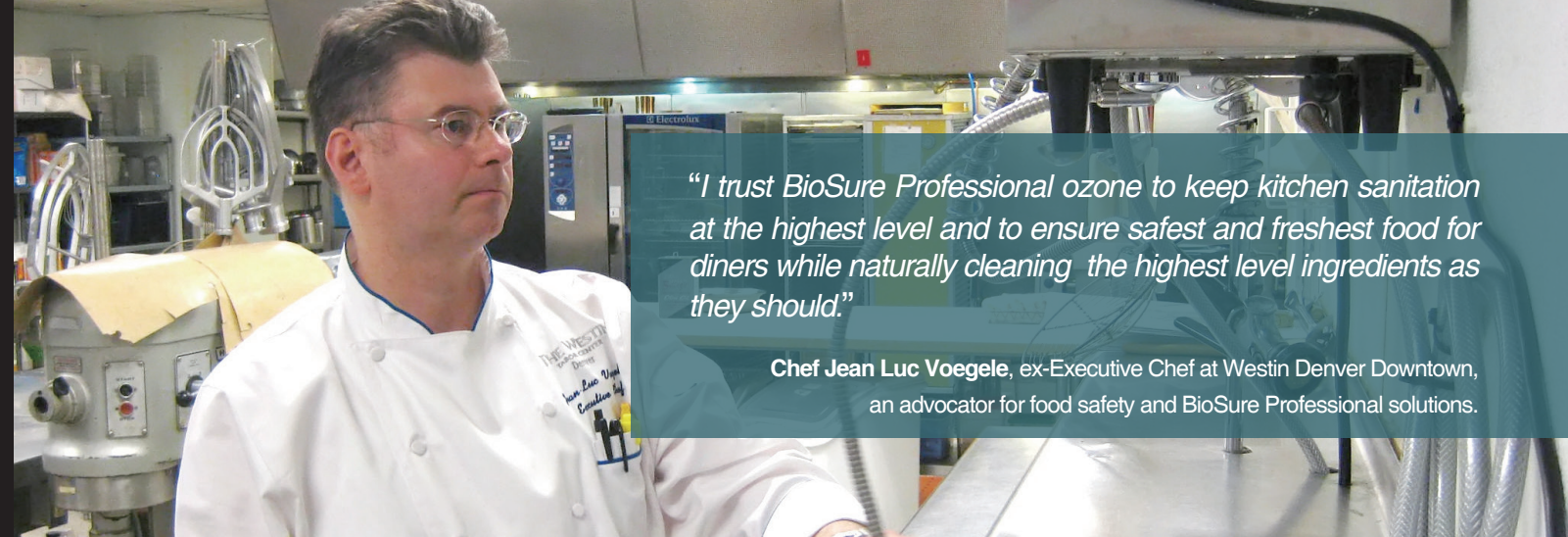
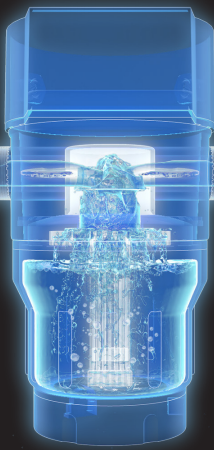
Clean &  
Effective



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 Voegelé, ex-Executive Chef at Westin Denver Downtown, an advocate for food safety and BioSure Professional solutions.

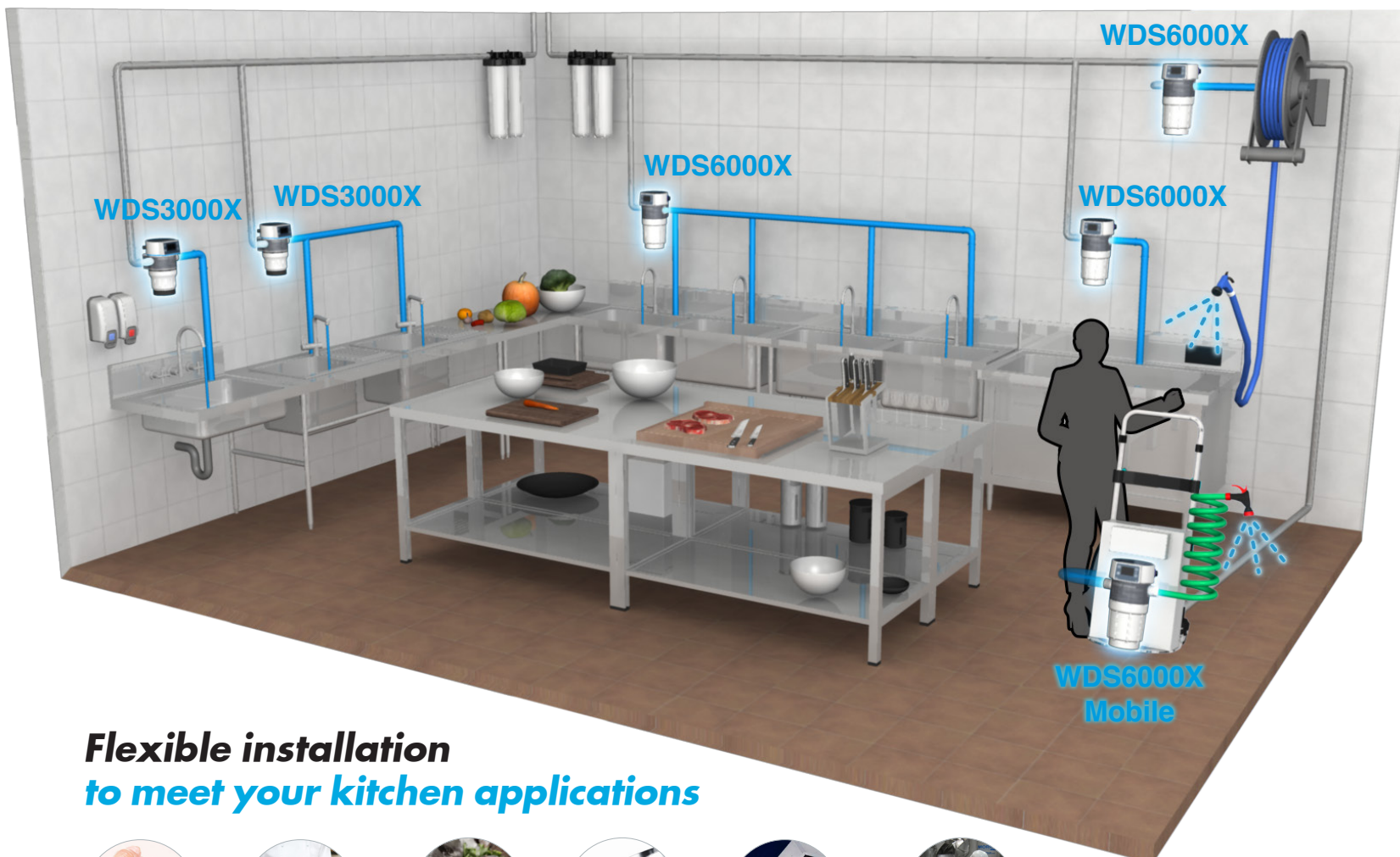
## Natural sanitation simply from water and electricity

BioSure Professional WDS Series products 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

### WDS3000X

MODEL: EOS7177-PQX

■ Up to 2.5 ppm



### WDS6000X / WDS6000X Mobile

MODEL: EOS7178-PQX

■ Up to 3.5 ppm



- 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.



\*CART IS NOT INCLUDED. ONLY THE DESIGN INSTRUCTIONS ARE PROVIDED.  
\*THE PICTURE IS SHOWN FOR ILLUSTRATION PURPOSES ONLY.  
THE ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHANCEMENT.





# WDS Series Ozone Sanitation Solutions

## WDS3000X

EOS7177-PQX



## WDS6000X

EOS7178-PQX



### WDS3000X

### WDS6000X

Dimensions	(mm)	W140 x D128.5 x H210.5 (mm)	W202 x D141.5 x H273.2 (mm)
	(Inch)	W5.5" x D5.1" x H8.2"	W8.0" x D5.6 x H10.8"
Net Weight		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)
Max. Operating Pressure		< 7 kg/cm <sup>2</sup> (100 psi)	< 7 kg/cm <sup>2</sup> (100 psi)
Recommended Nominal Operating Pressure		3 kg/cm <sup>2</sup> (43 psi)	3 kg/cm <sup>2</sup> (43 psi)
Max. Flow Rate @3 kg/cm <sup>2</sup>		2000LPH (33.3LPM/8.8GPM)	4000 LPH (66.6LPM/17.6GPM)
Waterline Connection		3/4"	1"
Operating Water Quality Requirements		Clean Municipal Tap Water* <sup>1</sup>	Clean Municipal Tap Water* <sup>1</sup>
Optimal Water Temperature		5 - 40°C (41 - 104°F)	5 - 40°C (41 - 104°F)
Degree of Protection		IP55	IP55
Aqueous O <sub>3</sub> Concentration	Nominal Flow @250LPH (1.1GPM)	1.0 ppm* <sup>2</sup> (approx.)	2.0 ppm* <sup>2</sup> (approx.)
	Nominal Flow @500LPH (2.2GPM)	0.5 ppm* <sup>2</sup> (approx.)	1.0 ppm* <sup>2</sup> (approx.)
	Max. Concentration	Up to 2.5 ppm* <sup>2&amp;3</sup>	Up to 3.5 ppm* <sup>2&amp;3</sup>

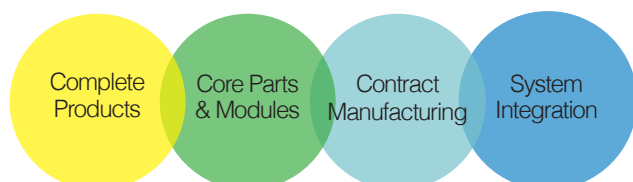
\*1. Recommended water quality: Filtered to ≤ 1 µm, TDS >60 ppm, Hardness <250ppm (as CaCO<sub>3</sub>). Minimum TDS ≥ 30 ppm is required for basic performance.

\*2. Test environment conditions: Ambient 25°C, 1 atm; Water - 20°C, filtered to 1 µm, 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)

\*3. Maximum achieved with minimum effective flow rate at 100 LPH (1.7LPM/0.5GPM).

## 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.



### North America

**BIOSURE North America, LLC.**  
2020 Babcock Rd., Ste. 25  
San Antonio, Texas 78229 USA  
[www.biosureozone.com](http://www.biosureozone.com)

### China

**Shanghai Zhongte Environmental Technology Co., LTD**  
Unit 205, 998 Shenbin South Road, Minhang District,  
Shanghai, 201106 China  
[www.biosurepro.com](http://www.biosurepro.com)

### Taiwan

**Biotek Environmental Science Ltd.**  
5F, 98 Xingde Rd, Sanchung Dist,  
New Taipei, 24158 Taiwan  
[www.besgroups.com](http://www.besgroups.com)

### Thailand

**BES GROUP THAILAND**  
2, 4 Soi Ngamwongwan 25  
Intersection 28, Bangkok  
<https://besgroupthailand.com>



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

### Oceania

**BES GROUP (AUST) PTY LTD.**  
Ground Floor, 737 Burwood Rd,  
Hawthorn, VIC 3122 Australia  
[www.besgroups.com.au](http://www.besgroups.com.au)

### Asia/Headquarters

**Biotek Environmental Science Ltd.**  
5F, 98 Xingde Rd, Sanchung Dist,  
New Taipei, 24158 Taiwan  
[www.besgroups.com](http://www.besgroups.com)

### Malaysia

**BES Network (M) Sdn Bhd**  
E2-02-01, Block E2, Sunway Geo Avenue,  
47500 Subang Jaya, Selangor D.E., Malaysia  
[www.biosureozone.asia](http://www.biosureozone.asia)

### Factory ISO 9001 Certified

**Yantai United Ozonetec Corporation.**  
4F, 1 Wuzhishan Rd, ETDZ  
Yantai, Shandong 264006 China  
[www.besgroup.com.cn](http://www.besgroup.com.cn)

Member of



Registered

