

SG-WDS SERIES Ozone Sanitation Solutions

(Marriott Approved for Food Processing & Professional Kitchens)



SG-WDS

SG-WDS MAX



99.99%
Removals Bacteria & Viruses

Pathogen control for E coli, Salmonella, Listeria and other common pathogens. Ozone offers a better and more comprehensive solution than chloric(l) acid and other chlorine-based disinfectants.



5 seconds
Achieve 99.99% sanitizer rate

Disinfection speed is 3000 times faster than chlorine. Ozone is more friendly to the environment for disinfection than chemical disinfectants.



Safety
No matter how much you use

After disinfection, ozone reverts to oxygen without changing the taste and texture of food and water, and will not cause irritation to the skin. Ozone eliminates concerns about accidental chemical sanitizer consumption.

WDS In-line Series Aqueous Ozone Water System



**Not harmful
Not Corrosive**



**Clean &
Effective**



**Reduce
Chemical Use**



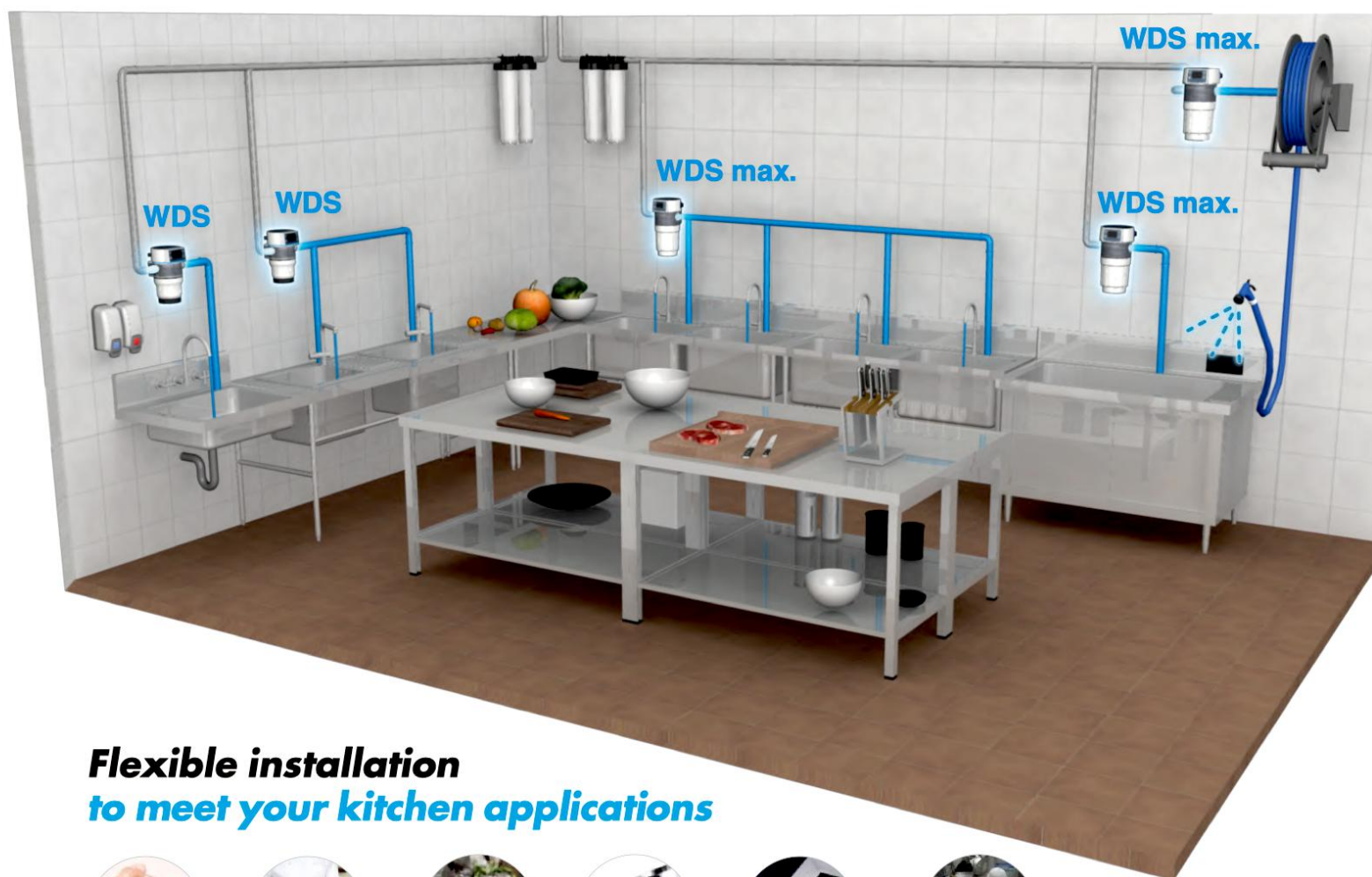
**Higher
Productivity**



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.



Flexible installation to meet your kitchen applications



Hand Wash



Cross
Contamination
Prevention



Food
Defrosting &
Purification



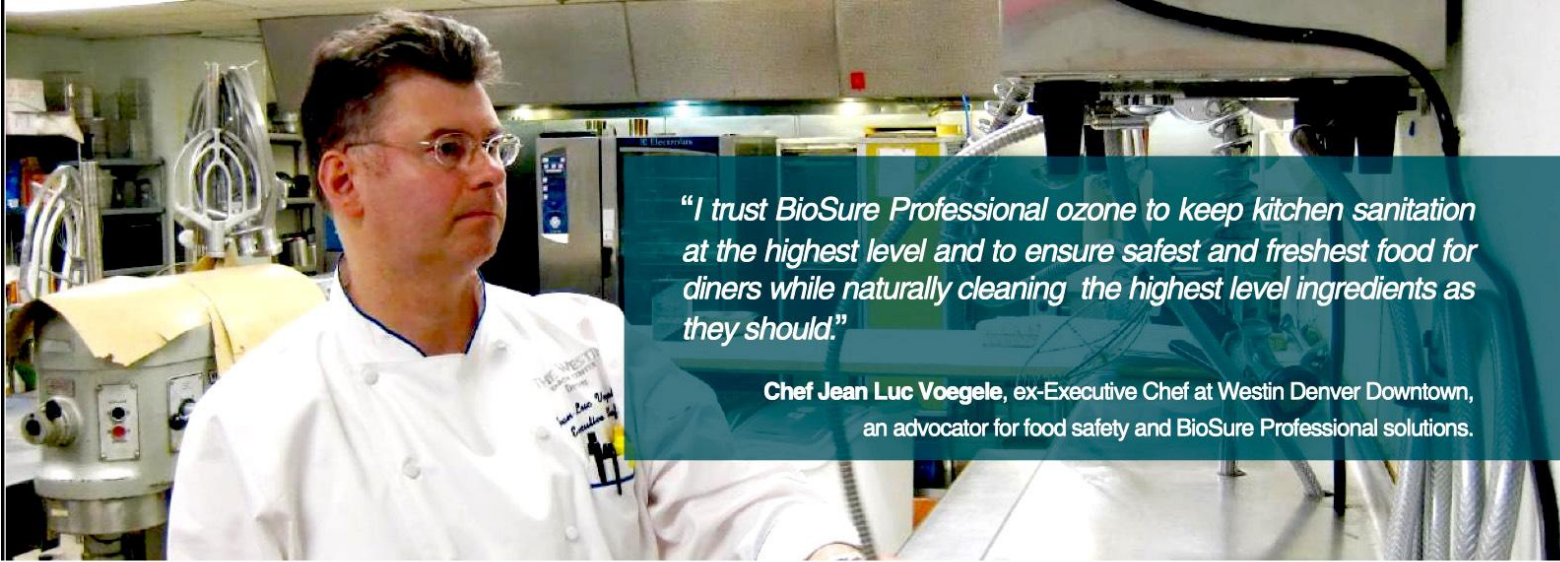
Utensils &
Equipments
Sanitation



Produce Washer
Integration



Wash-Down &
Sanitation



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.



SG-WDS

MODEL: EOS7177-PQX



SG-WDS MAX

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.

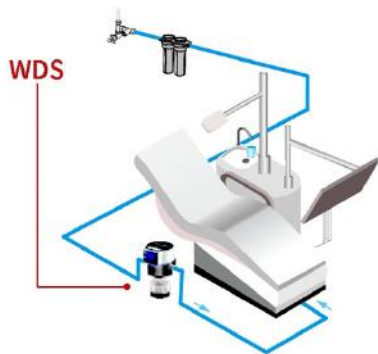
ProMedUSA SG-WDS

Simple installation

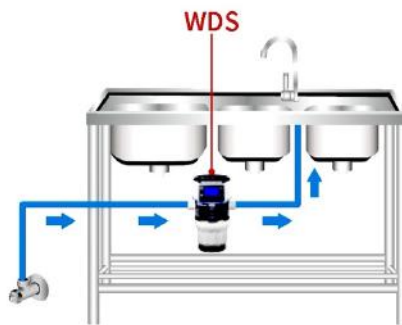


WDS Configuration Diagram

product only and variations may occur.



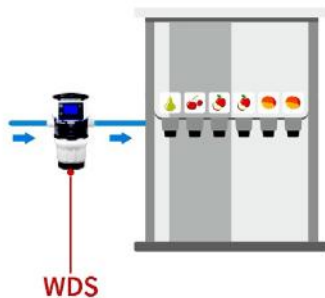
Dental Unit



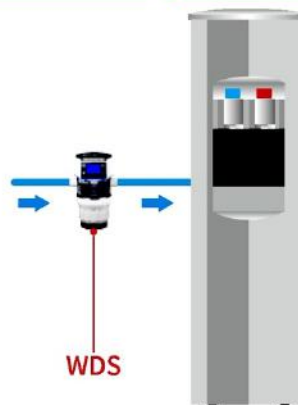
Faucet for Commerical Kitchen



Commerical Washing Machine



Beverage Dispenser



Water Dispenser

WDS Series Ozone Sanitation Solutions

SG-WDS

EOS7177-PQX



Marriott Approved

SG-WDS MAX

EOS7178-PQX

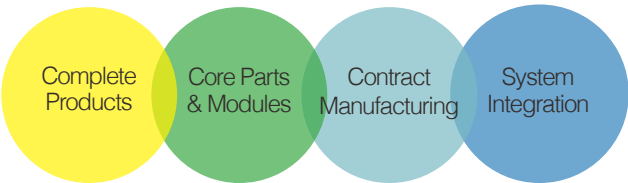


		SG-WDS	SG-WDS MAX
Dimensions	(mm)	W140 x D128.5 x H210.5 (mm)	W202 x D141.5 x H273.2 (mm)
	(Inch)	W5.5" x D5.1" x H8.2"	W8.0" x D5.6 x H10.8"
Net Weight		1.3 kg (2.9 lb)	3.0 kg (6.6 lb)
Power Supply		100-240V AC, 50/60Hz (24V DC, 4.0A)	100-240V AC, 50/60Hz (15V DC, 10.5A)
Max. Operating Pressure		< 7 kg/cm ² (100 psi)	< 7 kg/cm ² (100 psi)
Recommended Nominal Operating Pressure		3 kg/cm ² (43 psi)	3 kg/cm ² (43 psi)
Max. Flow Rate @3 kg/cm ²		2000LPH (33.3LPM/8.8GPM)	4000 LPH (66.6LPM/17.6GPM)
Waterline Connection		3/4"	1"
Operating Water Quality Requirements		Clean Municipal Tap Water* ¹	Clean Municipal Tap Water* ¹
Optimal Water Temperature		5 - 40°C (41 - 104°F)	5 - 40°C (41 - 104°F)
Degree of Protection		IP55	IP55
Aqueous O ₃ Concentration	Nominal Flow @300LPH (1.3GPM)	1.0 ppm* ² (approx.)	2.0 ppm* ² (approx.)

*1. Recommended water quality: Filtered to ≤1 µm, TDS >60 ppm, Hardness <250ppm (as CaCO₃). 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/cm². 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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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

