

Food Preparation | HACCP | HORECA

# Food Safety & Sanitation

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Activated Oxygen Sanitation Solution  
for Professionals



## Activated-Oxygen Water

- Effective & Speedy Sanitation
- Safe for Direct Food Contact
- Automatic
- Safe to Use
- No Chemical Residual
- Approved technology
- No Storage
- On Demand

# Automatic Activated-Oxygen Sanitation System

## Designed to Make Sanitation Work Easier & Safer

Since 1988 BioSure Professional has been leading in providing chemical-free activated-oxygen (ozone) sanitation technology. Patented technologies generate industry's highest purity of activated-oxygen directly from water. Dissolved activated-oxygen is the most powerful and natural sanitizer to eliminate pathogens in food preparation area. Tested and proved by independent agencies and world leading food technology labs for its effectiveness and safety as well as many well-known international food service operators. BioSure Professional's food safety & sanitation activated-oxygen solution enables kitchen operators to comply HACCP requirements in order to reduce food safety risks and costs.



## Activated-Oxygen vs. Ordinary Chlorine-based Sanitizers

BioSure Professional's Dissolved Activated-Oxygen (ozone) is generated directly from tap water for all sanitation purposes. It leaves no residual and doesn't change taste and texture of food.

Reacts **3000** Times Faster

**50** Times Stronger

$O_3 \Rightarrow O_2$   
No residual, except oxygen

## Technology

### Features

- Applied the most advanced iEOG technology from BES Group. Converting tap water directly to activated-oxygen water.
- Build-in off-gas destruct unit. Safe to operate indoor.
- Stable activated-oxygen generation. Completely independent to air quality.
- Wall-mount installation available
- Self-monitoring system

### Benefits

- Effective sanitation
- Easy to use & on-demand sanitation
- No chemical storage required
- No chemical residual
- No final rinse required
- Safe to operate
- Easy maintenance

## Test Reports by Third Party Laboratories

	BioSure Professional Activated Oxygen Water Efficacy Test					
Antimicrobial Efficacy Test	Test Item		0 sec	5 sec	60 sec	Reduction
	Staphylococcus aureus	(CFU/ml)	5.4x10 <sup>5</sup>	Not detected	-	> 99.999%
	Escherichia coli	(CFU/ml)	3.4x10 <sup>5</sup>	Not detected	-	> 99.999%
	Salmonella	(CFU/ml)	1.7x10 <sup>5</sup>	Not detected	-	> 99.999%
	Pseudomonas aeruginosa	(CFU/ml)	4.5x10 <sup>5</sup>	Not detected	-	> 99.999%
	Candida albicans	(CFU/ml)	1.3x10 <sup>5</sup>	Not detected	-	> 99.999%
	MRSA	(CFU/ml)	2.4x10 <sup>5</sup>	Not detected	-	> 99.999%
	Pesticide	Mevinphos	(ppm)	0.642	-	Not detected
Permethrin		(ppm)	0.559	-	0.0337	94%



Compact Sanitation System **CSS**

Ozonated Water System **OWS-1**



**Model : EOS7131-CS**

**Single Work Station**

- All purpose surface sanitation
- Cold dish food preparation
- Hand wash

\*Optional sensor faucet is available for under-counter installation



**MODEL : EOS8131-CD**

**Large Work Station:**

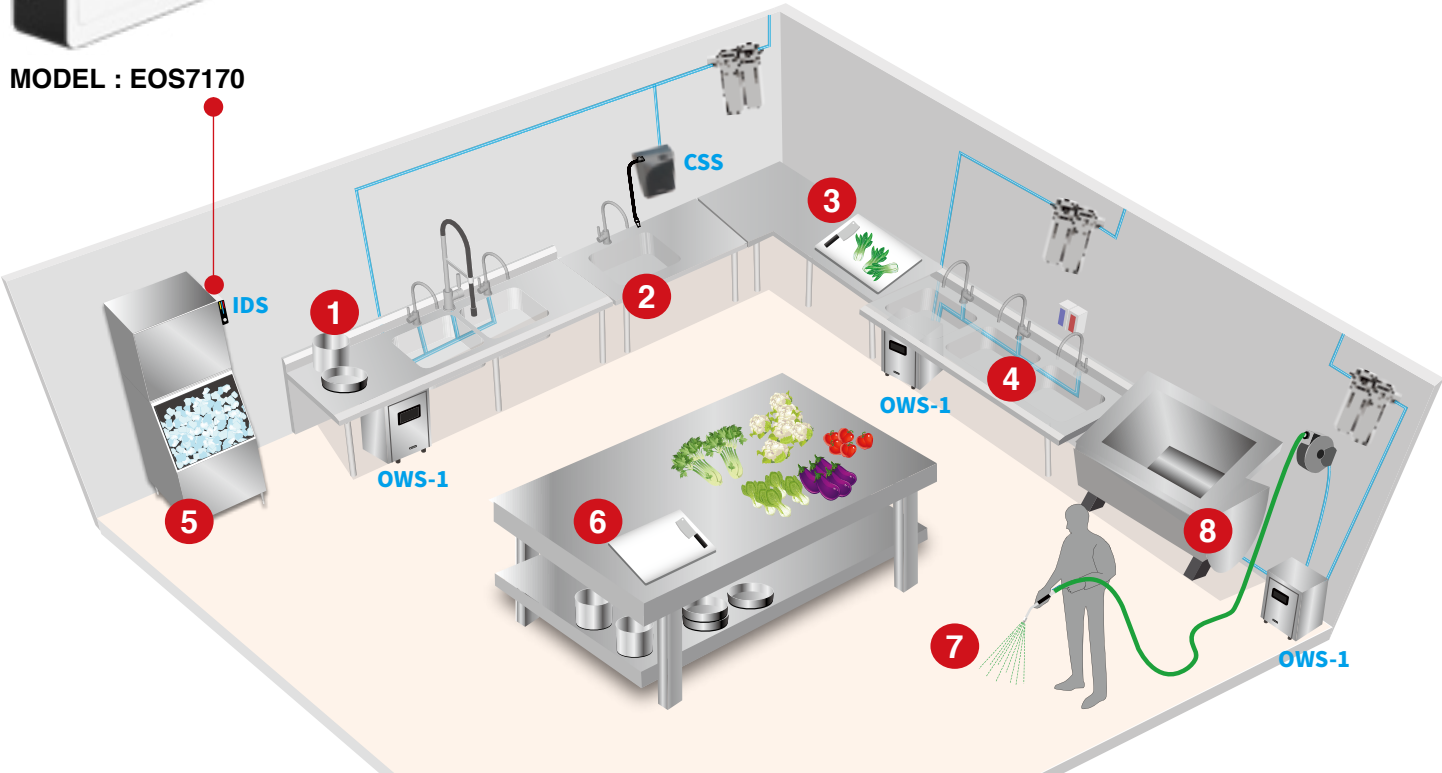
- Food preparation area (Produce, Seafood, and Meat)
- All purpose surface sanitation
- Integrable with professional produce washer
- Integrable up to 8 faucets
- large surface wash-down and sanitation



**MODEL : EOS7170**

## Automatic Ice Disinfection System **IDS**

Automatically sanitize water, waterline and food zone to ensure ice hygiene 24/7. Contact BES Group for more information about "Beverage & Ice Sanitation"



**1**

Utensils & Equipments Sanitation

**2**

Hand Wash & Better Hygiene Result

**3**

Work Station & Food Contact Surface Sanitation

**4**

Food Purification

**5**

Ice & Ice Maker Sanitation

**6**

Cross Contamination Prevention

**7**

Large Surface Wash-Down & Sanitation

**8**

Produce Washer Integration



# Specifications

## CSS

### Compact Sanitation System

Model : EOS7131-CS



## OWS-1

### Ozonated Water System

Model : EOS8131-CD

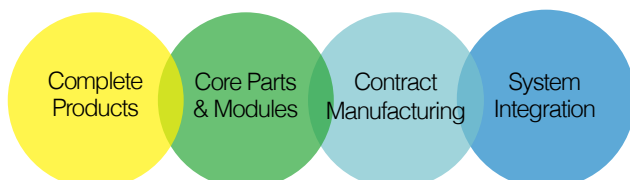


Flow Rate	Disinfection	Boost	200 - 6000 LPH (0.8 -24.0 GPM)
	300 LPH (1.3 GPM)	120 LPH (0.5 GPM)	
Concentration	4.0 - 0.5 ppm	6.0 - 1.0 ppm	2.0 ppm - 0.5 ppm *
Output Pressure	0.3 kg/cm <sup>2</sup> (4.4 psi)		≤ Input Pressure(max. 4.5kg/cm <sup>2</sup> or 71 psi)
Power Supply	100 - 240V, 50/60 Hz		100 - 120V , 50/60 Hz, 200 - 240V , 50/60 Hz
Power Consumption	60W ( On standby ≤ 30W )		1000 W
Input Water Quality	Tap Water		
Input Water Temperature	5 - 40 °C (41 - 104 °F )		
Input Water Pressure	2.0 - 7.0 kg/cm <sup>2</sup> (29 - 85 psi)		2.0 - 5.0 kg/cm <sup>2</sup> (29 - 71 psi)
Room Temperature	5 - 35 °C (41 - 95 °F )		
Room Condition	Min 5 air changes per hour		
Protection Class	IPX2		
Net Weight	7.5 kg (15.5 lb)		50kg (110lb)
Dimensions	300 x 165 x 439 (mm)		550 x 310 x 650 (mm)
Main Inlet	3/8"		1½"
iEOG Fill			3/8"
Main Outlet	-		1½"
Drain	7X10 (mm)		

\*Less than 4 faucets simultaneously turned on

## About Us

Since 1988, BES Group is the global leader in electrolytic technology. Converting water to ultra pure ozone gas and hydrogen gas is our core technology. Series products included in Food Safety & Sanitation, Healthy Environment, Clean Water, and Sanitation & Wellness. All products and components are tested for high performance, safety, and reliability with required certifications from government agencies and leading 3rd party labs.



[www.biotek-ozone.com.hk](http://www.biotek-ozone.com.hk)

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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

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