

# Beverage & Ice Sanitation

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A Total Solution to Eliminate Bacteria Growth in  
Filtered Water, Waterline, and Ice Makers



## Any Time & Every Time Quality Assurance

- Fully Automatic
- No Chemical Residuals
- Eliminates Manual Cleaning & Chemical Usage
- No Change in Taste

# Frequent Ordinary Manual Cleaning & Chemical Sanitation has been Proven to be Unreliable

## BioSure Professional's Ozone is The Solution

Unlike ordinary cleaning, BioSure Professional's ozone is automatically dosed and dissolved into waterline to sanitize and eliminate bacteria growth in filtered waterline. US patented technology ensures best hygiene at all times. Tested and proven that ozone does not give any chemical residuals or change the taste of ice and water. BioSure Professional's beverage & ice hygiene solution gives retailers peace of mind serving drinks while eliminating risks and costs.

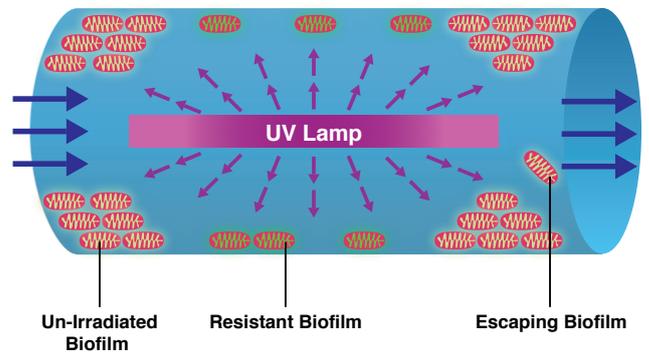
Reacts **3000** Times  
Faster Than Chlorine Sanitizers

**50** Times  
Stronger Oxidation Performance

$O_3 \Rightarrow O_2$   
No Chemical Residuals Except Oxygen

## More Effective Than UV Lamp

- UV lamp requires frequent cleaning or replacement to ensure its performance.
- UV lamp is unable to kill all bacteria under high water flow.
- Once biofilm is build-up, UV lamp is unable to work effectively.



## Technology Features

### Safe

Meets OSHA standard of off-gas. Safe to work indoors. No change in water pH & hardness. No corrosion to equipment. No change to taste of ice and filtered water.

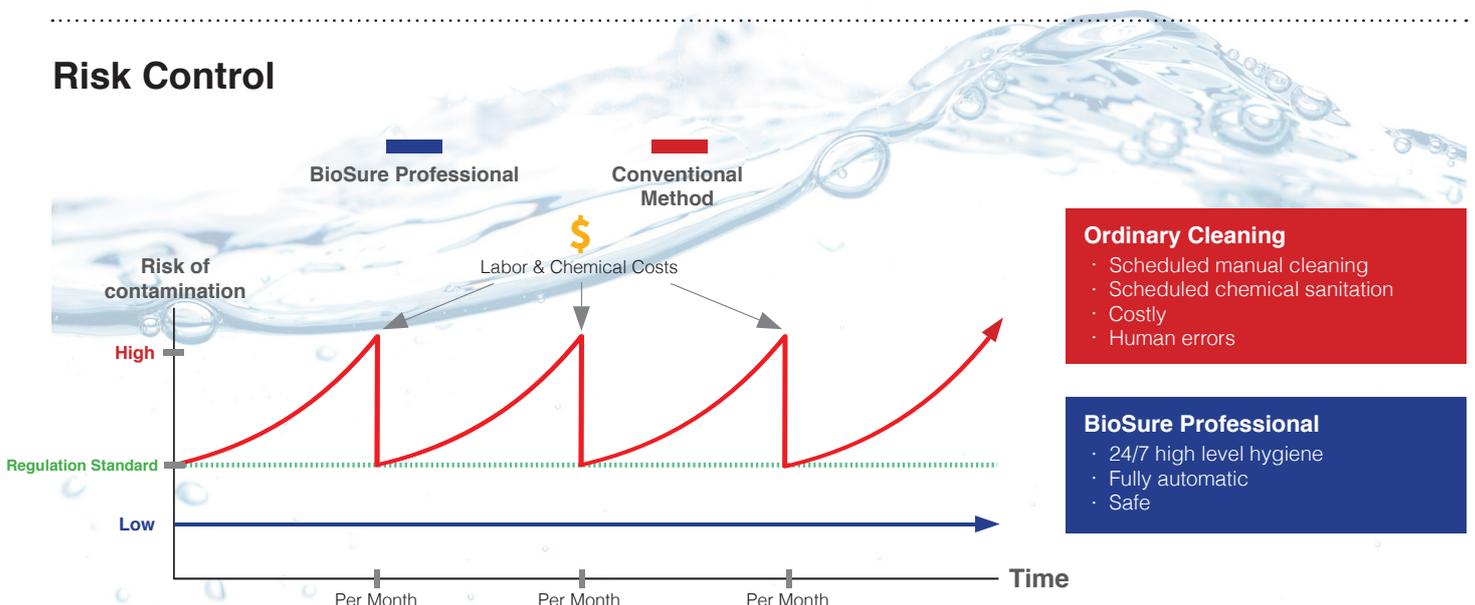
### Fully Automatic

Unlike scheduled labour manual cleaning and chemical sanitation, BioSure Professional delivers fully automatic sanitation to ensure best quality hygiene 24/7.

### Prevents biofilm formation

BioSure Professional's patented technologies ensure ozone is generated directly from water without making any other harmful by-products. Dissolved ozone is a powerful sanitizer to prevent biofilm formation in order to maintain ice and water hygiene.

## Risk Control

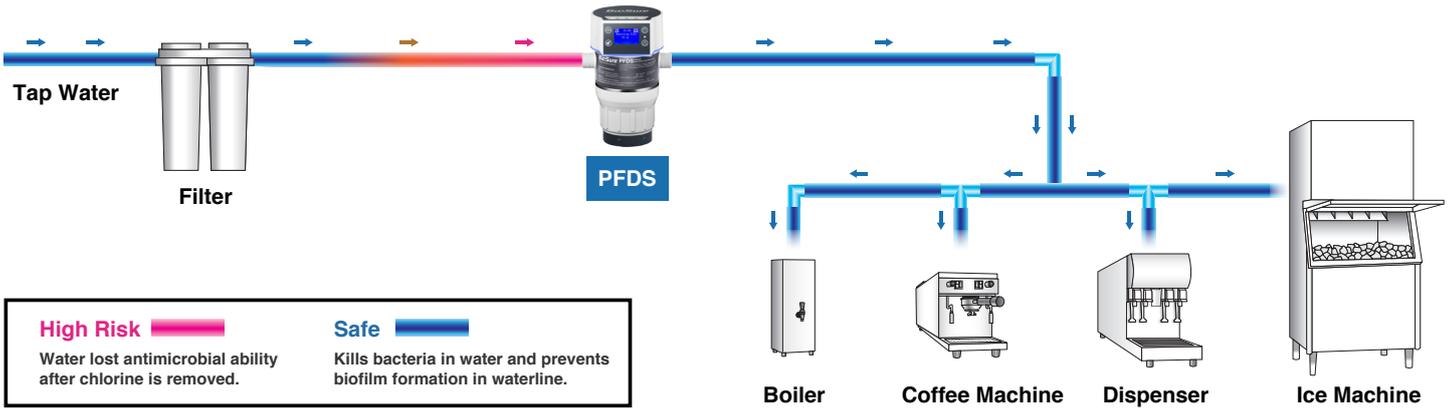




## PFDS Automatic Post-Filtration Disinfection System

Applying revolutionary AOP technology to generate dissolved ozone directly from water. Better than ordinary UV lamp for water sanitation; PFDS's dissolved ozone provides safe level of residual to accomplish CIP for preventing biofilm formation. Oxygen is the only by-product after killing bacteria.

Applicable to any filtered water system in **QSR, Coffee, Tea, Restaurant, and Hotel.**



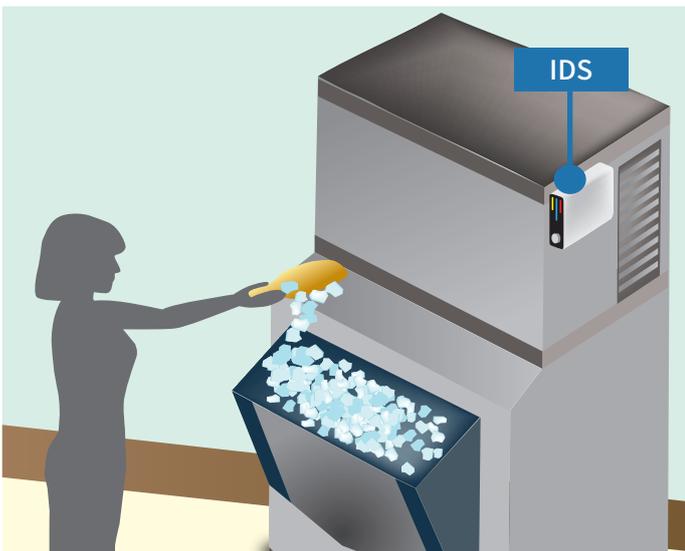
## IDS Automatic Ice Disinfection System

The all new 4th generation ice disinfection system from BioSure Professional is applicable for all brands and all capacity of ice makers. US patented technologies allow easy and quick integration to resolve ice hygiene concerns 24/7.

Powerful ozone kills bacteria in water, waterline and food zone without residual nor change of ice taste.

Eliminating manual cleaning and chemical sanitaiton means cost savings and no human errors.

Applicable to all ice machines in **HORECA & healthcare facilities.**



**24/7 continuous sanitation to water, water loop, basin, food zone, storage bin, and ice.**

**Before**



Manual cleaning is unreliable of removing biofilm. Increased risks of hygiene between scheduled chemical sanitation.

**After**



Prevents biofilm formation and maintain hygiene any time.

# Specifications

## Automatic Post-Filtration Disinfection System

### PFDS



Model	EOS7177-B	EOS7177-PB
Flow Rate (at 3 kg/cm <sup>2</sup> )	60-1150 LPH (15-304 GPH)	100-2300 LPH (26-608 GPH)
Ozone Production	60 mg/hr (±10%)	80 mg/hr (±10%)
Concentration	Avg. 0.025ppm (in waterline)	
Power	AC 100-240V, 50/60Hz; 100W	
Max. Temp.	50°C (122°F)	
Max. Pressure	7 kg/cm <sup>2</sup> (100psi)	
Protection Class	IP56	
Net Weight	2kg (4.4lbs)	
Dimensions	128.5 x 140 x 210.5mm	

## Automatic Ice Disinfection System

### IDS

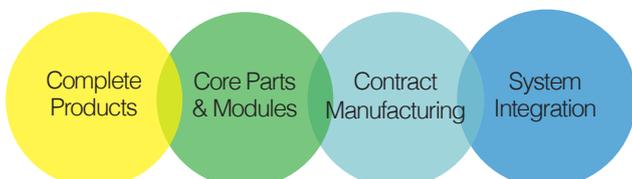


Model	EOS7170 Series
Capacity	Up to 3,000 lb/day (ice machine capacity)
Ozone Production	Up to 30 mg/hr (±10%)
Concentration	0.1-0.05ppm (circulating water)
Power	AC 100-240V, 50/60Hz; <10W
Max. Temp.	40°C (104°F)
Max. Pressure	NA
Protection Class	IPX2
Net Weight	815g (1.8lbs)
Dimensions	W56 x D225 x H180 (mm)

## About Us

Since 1988, BES Group has been the global leader in electrolytic technology. Converting water to ultra pure ozone gas and hydrogen gas is our core technology. Series products include 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.



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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