BioSure PROFESSIONAL

Beverage & Ice Sanitation

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

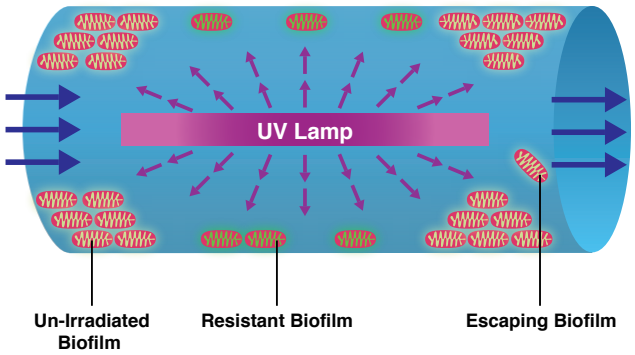
BioSure Professional's Ozone is The Solution

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	50 Times	$O_3 \Rightarrow O_2$
Faster Than Chlorine Sanitizers	Stronger Oxidation Performance	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.

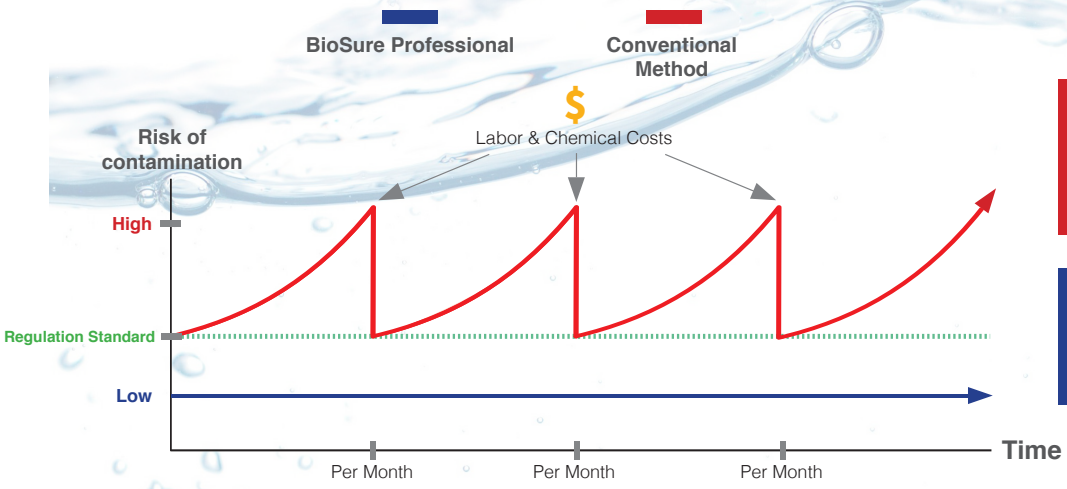
Fully Automatic

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



Ordinary Cleaning
- Scheduled manual cleaning
- Scheduled chemical sanitation
- Costly
- Human errors

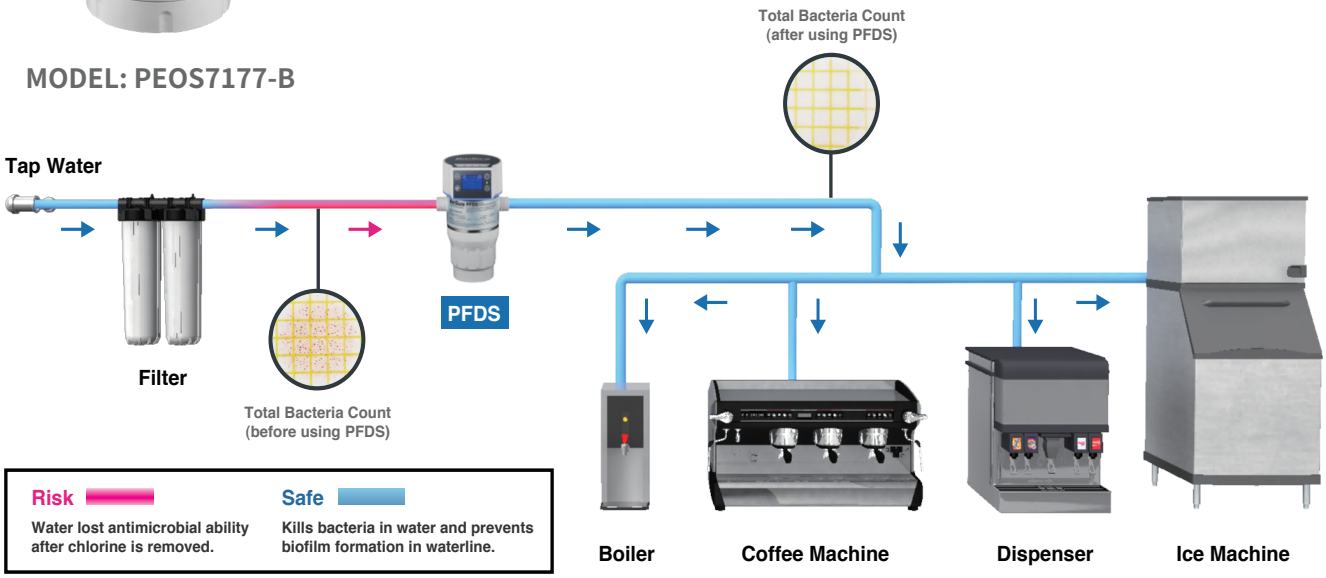
BioSure Professional
- 24/7 high level hygiene
- Fully automatic
- Safe

MODEL: PEOS7177-B

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.

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



MODEL: EOS7170

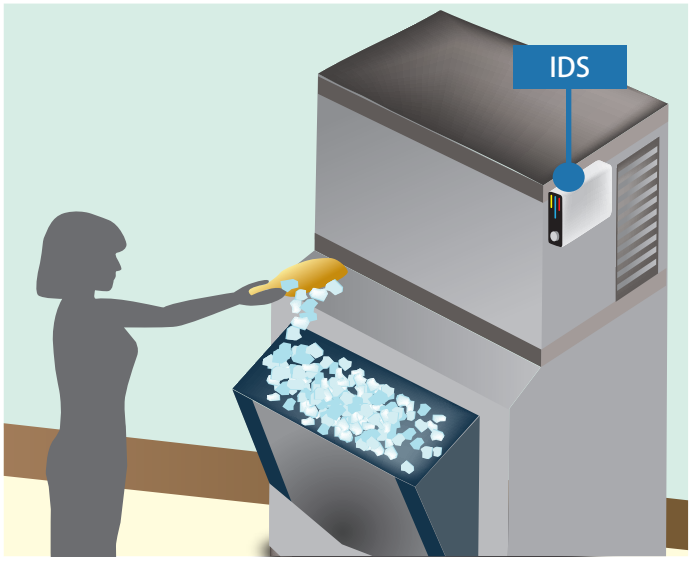
IDS Automatic Ice Disinfection System

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

Application	Waterline sanitation
Conc.	Avg. 0.025 ppm
Working water quality	Clean tap water* [1]
Capacity	Up to 2 faucets
Max. Pressure	< 7 kg/cm² (100 psi)
Power	AC 100-240V, 50/60Hz; 96W
Dimensions (mm)	W140 x D128.5 x H210.5
Weight (Net)	1.2kg

*1. TDS 60 - 300 ppm, hardness < 180 ppm as CaCO 3

Automatic
Ice Disinfection System

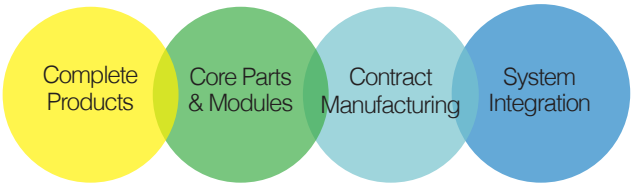
IDS

Application	Ice disinfection
Conc.	0.1 - 0.05 ppm
Working water quality	Pure water* [1]
Capacity	≥ 1000 lbs
Max. Pressure	< 7 kg/cm² (100 psi)
Power	AC 100-240V, 50/60Hz; 32W
Dimensions (mm)	W56 x D225 x H180
Weight (Net)	815g

*1. TDS < 1 ppm

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.



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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Member of EUO3TA.org European Ozone Trade Association

Registered

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