

No chemical residues
change in taste
water wastage

Automatic Clean Ice System

A clean ice solution for ice machine

CIS1800X is a simple and easy solution to **reduce bacteria and prevent biofilm growth in ice machines**. This automatic ice machine protection system will ensure a first-class level of hygiene that has been tested by independent 3rd party laboratories. This compact device is designed to be **easily integrated with ice machines**. The continuous ozone disinfection process reduces required chemical cleaning **saving time, money, and the environment**.



Main Device



Display Box
(Optional)

Model: EOS7210-IX

THE PICTURE IS SHOWN FOR ILLUSTRATION PURPOSES ONLY.
THE ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHANCEMENT.



99.99%

Removals Bacteria & Viruses

Disinfection speed is **3000 times faster than chlorine**. After disinfection, ozone reduces to oxygen without changing the taste of ice cubes.



Biofilm

Removal & Prevention

Dissolved ozone is a powerful sanitizer that prevents biofilm in order to **maintain ice and water hygiene**. This is a **better and more comprehensive solution than UV-C**.



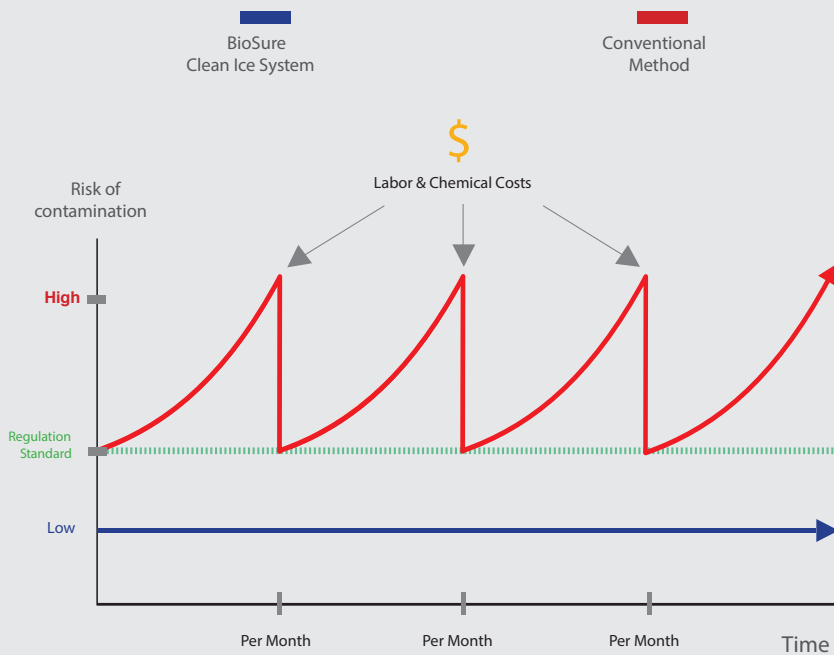
Cost-saving

Labor & Chemical Costs

This System helps **reduce the reliance on costly and troublesome manual cleaning and chemical disinfection**. It also helps reduce the risk of damages to machines during manual cleaning.

Focus Points

Bacteria and Biofilm Risk Control



Features



Disinfect Water in Machine

The dissolved one water helps disinfect all parts of the ice machine it comes into contact with.



Inspired by Nature

Turns water into an effective and safe sanitizer.



OSHA Standard

Low off-gas meets OSHA standards, and is third-party tested.

NO x
Free

Pure Ozone Water

Patented electrolytic O₃ technology, no nitrogen oxides for safe ice.



Fully Automatic

Delivers fully automatic sanitation to ensure best quality hygiene 24/7.

Specifications

Water Line Connection	1/2"
Dissolved O ₃ Performance	Up to 0.5 ppm* ¹
Max. Flow Rate	880 LPH (3.9 GPM)
Max. Pressure	7 kg/cm ² (100 psi)
Consumable Lifetime	1000hr operation time* ²
Input Water Requirement	Filtered potable water * ³
Water Temperature	5 - 40°C (41 - 104°F)
Application Capacity	up to 1800 lbs/day * ⁴ (Daily ice production)
Protection Class	IP54
Power Requirements	AC100-240V, 50/60Hz ; 15W
Dimensions; Weight (Net)	W73 x D118 x H131 (mm); 395g

*1. Approx. 0.1 - 0.05 ppm residue in ice machine water basin as in general condition for ≤ 1800lbs ice machine applications in flow rate 360l/hrs. Actual performance may vary according to flow conditions, temperatures and influent water quality. [Standard Test Conditions: input water pressure 1.5 kg/cm²(20 psi), temperature 20°C (68°F), TDS 60 ppm]

*2. 1000 hrs operation refers time in which the machine is generating ozone. For example, if the machine operates one hour a day in total it can last for 1000 days or around 2.7 years.

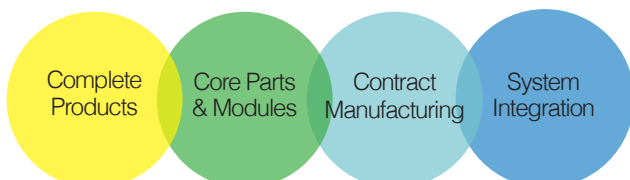
*3. Recommended water quality is TDS 30-250 ppm, Hardness < 180mg/l as CaCO₃

*4. Cartridge life is dependent upon water quality and ice machine water consumption.

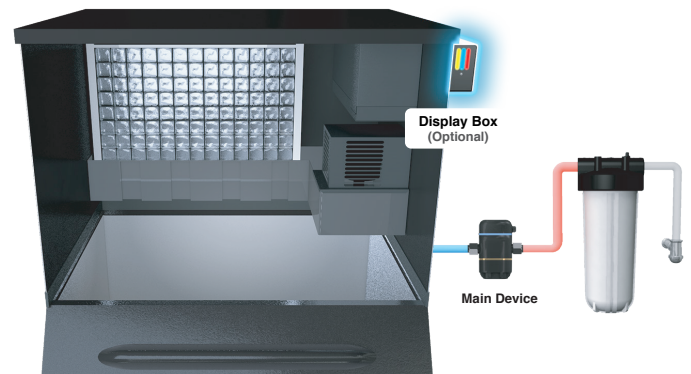
Note: CIS does not replace water filtration.

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.



Configuration



Technologies applied are protected by one or more of the following patents:
US 8,306,914 B2, US 9,757,697 B2, US 9,248,208 B2

North America
BIOSURE North America, LLC.
2020 Babcock Rd., Ste. 25
San Antonio, Texas 78229 USA
www.biosureozone.com

China
Shanghai Zhongte Environmental Technology Co., LTD
Unit 205, 998 Shenbin South Road, Minhang District,
Shanghai, 201106 China
www.biosurepro.com

Malaysia
BIOASURE PROFESSIONAL SDN. BHD.
E2-02-01, Block E2, Sunway Geo Avenue,
Jalan Lagoon Selatan, Sunway South Quay,
47500 Subang Jaya, Selangor D.E., Malaysia.
www.biosureozone.asia

Oceania
BES GROUP (AUST) PTY LTD.
Ground Floor, 737 Burwood Rd,
Hawthorn, VIC 3122 Australia
www.besgroups.com.au

Asia/Headquarters
Biotek Environmental Science Ltd.
5F, 98 Xingde Rd, Sanchung Dist,
New Taipei, 24158 Taiwan
www.besgroups.com

Factory **ISO 9001 Certified**
Yantai United Ozonetec Corporation.
4F, 1 Wuzhishan Rd, ETDZ
Yantai, Shandong 264006 China
www.besgroup.com.cn

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