

Electrolytic Ozone Automatic Ice Disinfection System

The all new 4th generation Ice Disinfection System ("IDS") from BioSure Professional is not only high performance and reliable! It is now more cost effective with outstanding ROI.

Fully automatic sanitation is designed to eliminate hassle routine weekly cleaning and reduces conventional periodic chemical sanitation. Tested by leading independent laboratory for long lasting performance and safety gives professional operator a "peace of mind".

IDS ensures guarantee pass to internal and external auditing anytime.[#] Ensuring ice hygiene can never get more simple and confidence.



IDS (EOS7170)

Image shown is a representation of the product only and variations may occur.



SGS

[#] Without intentional human contamination and microbial testing is limited to fresh made ice and recirculation water.

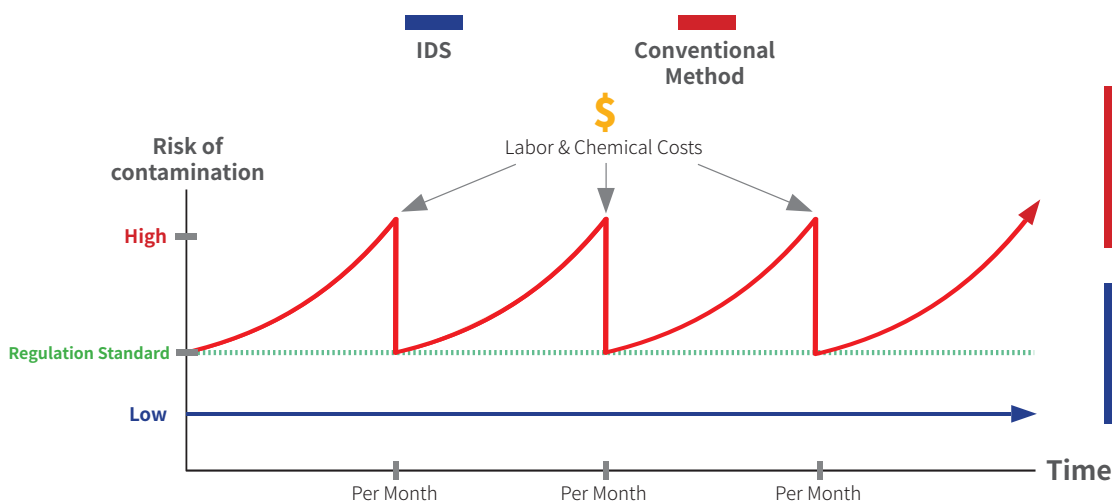
Features

- Patented Electrolytic Ozone Generation technology
- NOx free and no any other harmful by-products
- Low off-gas meets OSHA standard
- No change to water pH and non-corrosive to ice machine
- Fully automatic
- No water wastage
- Wall-mounted or Ice panel-mounted of ice machine
- Adjustable dosage according to ice machine capacity and water quality

Benefits

- Maintain ice hygiene at all times
- Sanitizes water, evaporator, basin and food zone
- Biofilm and mold prevention
- Natural and no residual
- Eliminates periodic weekly cleaning, cost savings
- Prolong regular disinfection cycle
- Non corrosive to ice machine
- Chemical-free
- **Legionella control** in healthcare and aged care facilities.

Contamination vs. Time (IDS vs. Conventional Method)



Conventional Method

- Periodic manual cleaning
- Periodic chemical sanitation
- Costly
- Human errors

IDS

- 24/7 maintaining high level hygiene
- Fully automatic
- Natural and free of residual



Hotel



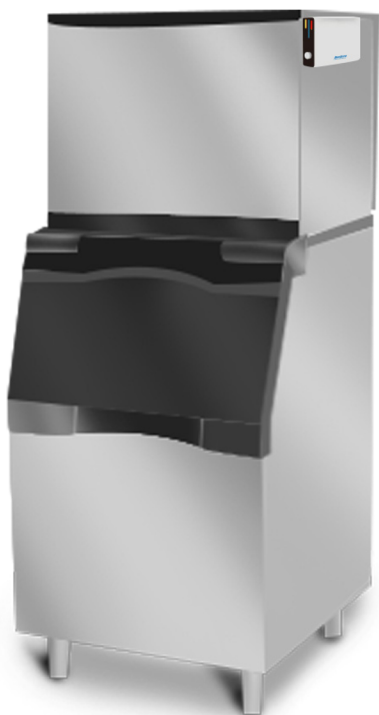
Restaurant



Healthcare



Aged Care



Data

Pure Water Tank

- Quality : Pure water (conductivity < 10µs/cm)
- Volume : 550ml (0.145 US gallon)
- Usage : 0.4ml/hr
- Refill method : Manual

Material

- Casing : ABS, White
- Tubing : PVC, PTFE, PVDF, SUS304

Dimension

- Net weight : 2kg (4.4lbs)
- Size : W56 x D225 x H180 (mm)

Control System

- Knob operated control ozone production
- Service and warning indicator

Consumable Parts

- Electrolytic ozone generator (EOG) - EB50

Warranty

- 1 year limited warranty
- 1 year limited warranty for consumable parts

Refill cycle: Around 2 month based on 24hr continuous operation

Specifications

- Output : High purity ozone gas
- Ozone production : > 40 mg/hr
- Ozone purity : ≈ 20wt%, NOx free
- Concentration : Circulating water 0.1ppm (no ozone in ice)
- Power supply : 100 - 120V or 220 - 240V, 50/60Hz
- Rated power : 8W
- Working temp : 1 - 35° C (33.8 - 95° F)
- Protection class : IP X2

Technologies applied in this product 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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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.

