



Ozone Water Disinfection System

Model: EOS7177-PQ

Features



Electrolysis technology
Only need water and electricity, no treatment chemicals necessary.



Tested and Approved
Tested by independent 3rd party laboratories.



Instant Start
No waiting time, WDS automatically runs for your safety.



High Concentration
Patented ozone storage system, industry-leading concentration.



Simple Installation
Easy integration into the existing water supply.

Inspired by Nature

Turns tap water into an effective and safe sanitizer

Ozone Water Disinfection System (WDS) applies a revolutionary electrolysis technology that can **convert your regular tap water into the anti-bacterial sanitizing wash water**. The system is designed for easy integration into existing piping offering on-demand and instant sanitation from your tap water. It works to protect against pathogens **without using hazardous chemicals**.

This system is ideal for environments where there is a risk of microbial contamination like **HORECA, hospitals, clinics, nursing homes, offices, public toilets, schools, and kindergartens**.



99.99%
Removals Bacteria & Viruses

Pathogen control for E Coli, Salmonella, Listeria, and other common pathogens. Ozone offers a better and more **comprehensive solution** than chloric(I) acid and other chlorine-based disinfectants.



5 seconds
Achieve 99.99% sanitizer rate

Disinfection speed is **3000 times faster than chlorine**. Ozone is more friendly to the environment for disinfection than chemical disinfectants.



Safety
No matter how much you use

After disinfection, ozone reverts to oxygen **without changing the taste and texture of food and water**, and will not cause irritation to the skin. **Ozone eliminates concerns about accidental chemical sanitizer consumption**.

Focus Points

HORECA



Hospitals & Clinics



Schools & Kindergartens



Nursing Homes



Public Toilets



Work Spaces



Cartridge Life

- Up to 1 million liters, depending upon water quality and operation mode
- Indicator light shows cartridge status for easy maintenance

Warranty

- Limited warranty against defects in materials and workmanship for 1 years
- 6 months cartridge life
- Normal usage exclusions apply, detailed in Operation Manual

Shipping & Ordering

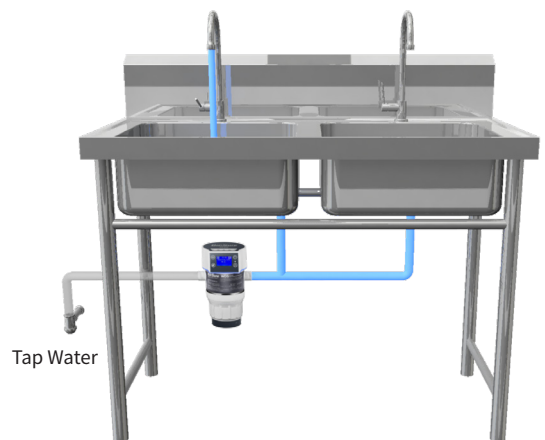
- Packaging Size: W22xD19xH27cm (8.7"x7.5"x10.6")
- Gross Weight: 3kg (6.61lbs)
- Loading: 128units per pallet

Specifications

Connection	3/4"
Concentration	Max. 2.0 ppm
Max. Flow Rate (at 3 kg/cm ²)*	2300 LPH
Max. Pressure	7 kg/cm ² (100psi)
Power	AC 100-240V, 50/60Hz, 32W
Water Quality	Clean Tap Water**
Optimal Water Temperature	1-40°C (34-104°F)
Dimensions	128.5 x 140 x 210.5mm
Weight (Net)	1.3kg

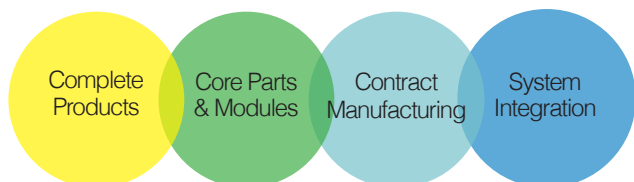
* Recommended flow for application ** TDS 60-300 mg/l, Hardness < 180 mg/l as CaCO₃
 Note: WDS does not replace water filtration. For best results, always connect WDS in the water supply behind the filtration system.

Configuration



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.



Oriental Engineering

Block A, 2/F, Eldex Industrial Building, 21 Ma Tau Wai Road, Kowloon, Hong Kong

+852 2333 0181

+852 2764 1605

sales@oequip.com

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

Member of



Item: _____
 Quantity: _____
 Project: _____

BioSure™ WDS Automatic Ozone Disinfection System

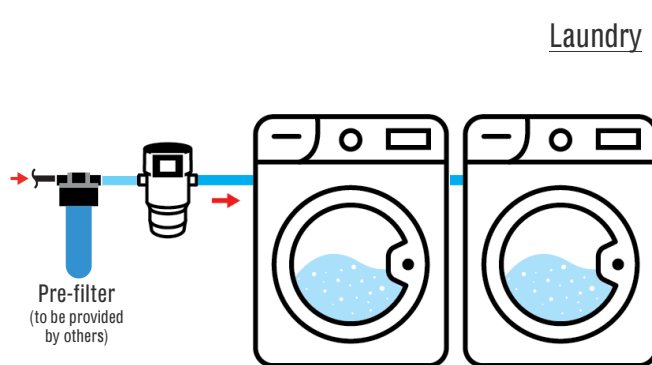
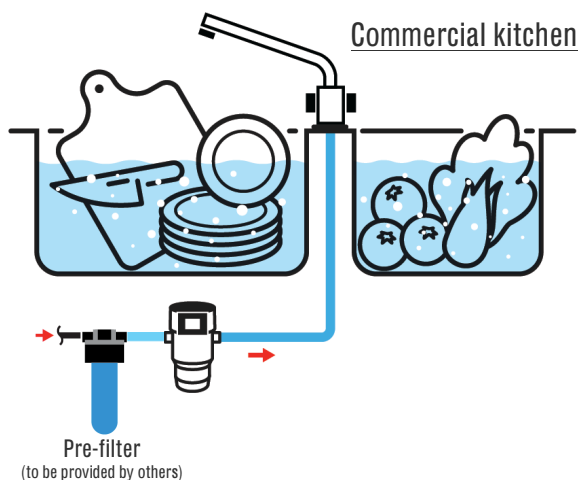
For Sanitation to Serve Different Industrial Use



BioSure WDS protects against biofilm growth and pathogens from water supplies. Simply connect WDS to an existing water inlet after the installation of water filter and it will turn the water into an efficient, safe, chemical free and environmentally friendly ozone water. It uses a revolutionary AOP (Advanced Oxidation Process) technology and uses water to generate ozone and dissolve it into water, leaving no chemical residues. It is also convenient for use. When the water is running, WDS will automatic be switched on and convert the tap water into ozone water for use. Thus, it can replace conventional UV or chemical dosing treatment for water and waterlines sanitation. This safe process reduces overall operation costs.

BioSure WDS Configuration Diagram

- +Chemical Free
- +No By-Products
- +No Rising Required
- +Enhanced Food Hygiene
- +Safe, Natural, Effective Disinfectant



WDS EOS7177-PQ Specifications

O ₃ Ozone Water Specifications		General Specifications	
Flow rate	2,300 L/hr	Type	Existing water pipe connection
O ₃ ozone water concentration	2.0 ppm (depends on programme & flow rate)	Casing material	-
O ₃ ozone generator (EOG) life span	1,000 hrs	Pipe diameter	19mm (3/4")
Input water quality	Municipal water source	Elect. loading	220V/ 50Hz/ 96W
Input / output water pressure	7.0 kg/cm ² (100psi) / -	Dimension	128.5W x 140D x 210.5H mm
Operating temperature	5-30°C (41 - 86°F)	Net weight	2 kg (4.4 lb)
Room condition	Well ventilated	Pre-filter	(to be provided by others)

Tested by SGS, 2.0 ppm concentration of ozone water generated by Biotek's ozone generator can effectively eliminate staphylococcus aureus, E. coli., salmonella, pseudomonas aeruginosa, candida albicans and legionella pneumophila antibiotic resistance bacteria, and decompose mevinphos residual pesticide up to 99.9%.

