



Model: EOS7177-PQX

Ozone Water Disinfection System

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

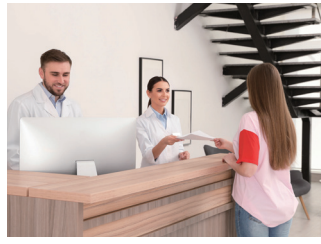
After disinfection, ozone reverts to oxygen **without changing the taste and texture of food and water**, and will not cause irritation to the skin. **Ozone eliminates concerns about accidental chemical sanitizer consumption**.

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

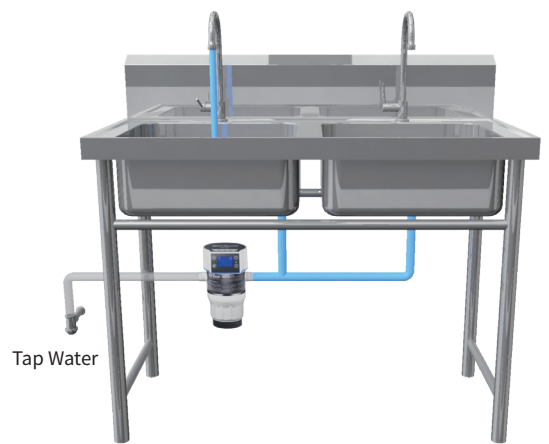
- Packaging Size: W22xD19xH27cm (8.7"x7.5"x10.6")
- Gross Weight: 3kg (6.61lbs)
- Loading: 128units per pallet

Specifications

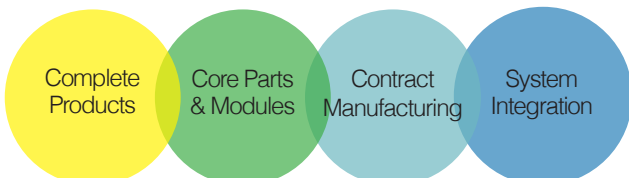
Connection	3/4"
Concentration	Max. 1.5 ppm
Max. Flow Rate (at 3 kg/cm ²)*	2300 LPH
Max. Pressure	7 kg/cm ² (100psi)
Power	AC 100-240V, 50/60Hz, 96W
Water Quality	Clean Tap Water**
Optimal Water Temperature	5-40°C (41-104°F)
Dimensions; Weight (Net)	128.5 x 140 x 210.5mm; 1.3kg
Protection Class	IP54

* 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



BES Group, a leader in electrolytic technology since 1988, provides products that generate ultra-pure ozone and hydrogen through water electrolysis. Our solutions are widely adopted across various industries, including Sanitary & Wellness, HORECA, Food Supply, Health & Hygiene Care, and Water System Treatment. BES Group products undergo rigorous testing for high performance, safety, and reliability. They are certified by government agencies and renowned third-party laboratories, ensuring the highest quality standards for our customers.



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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