

# WDS

## Automatic Ozonated Water System

WDS protects against biofilm growth and pathogens from water supplies. Simply connect the unit to an existing, filtered water input and the system will turn the water into an efficient and safe sanitizer. The process and result are totally chemical-free.

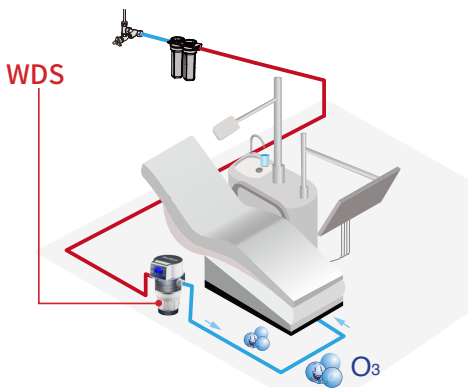
The product is designed to use a revolutionary AOP (advanced oxidation process) technology replacing conventional UV or chemical dosing treatment for water and waterlines sanitation. Ozone will dissolve naturally into oxygen leaving no chemical residues in the water. This safe process reduces overall operation costs and is environmentally friendly.



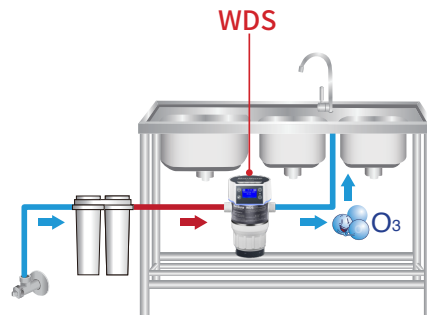
Model : EOS7177-PQX

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

## WDS Configuration Diagram



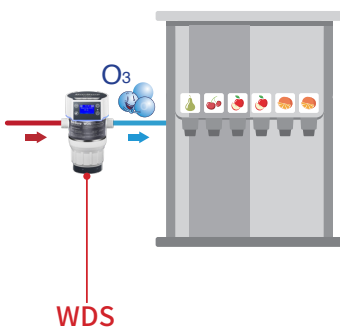
Dental Unit



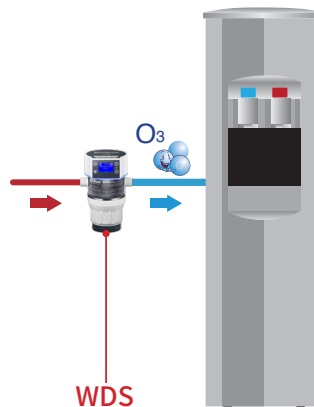
Faucet for Commerical Kitchen



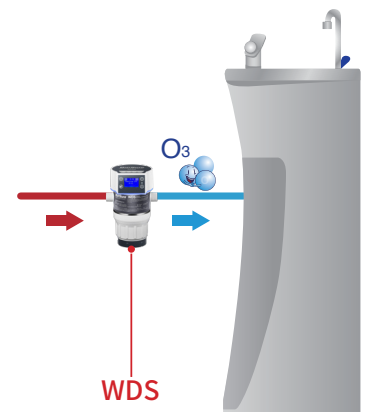
Commerical Washing Machine



Beverage Dispenser



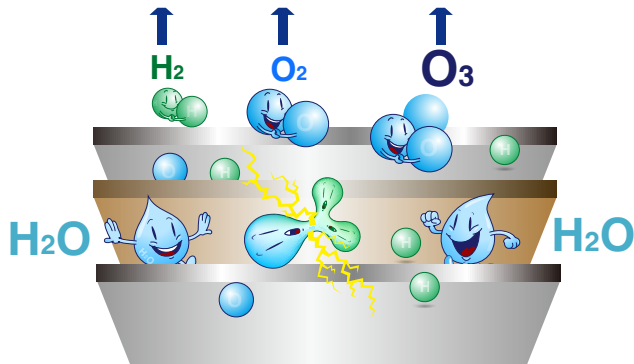
Water Dispenser



Drinking Fountain

## HOW IT WORKS

The electrolytic cell splits water into its basic elements and then converts part of the liberated oxygen (O<sub>2</sub>) into Ozone (O<sub>3</sub>).



## Features

- Easy integration into existing water supply
- Turning water into powerful natural sanitizer
- Automatic & on-demand sanitation
- Works without handling of chemicals
- Notification for service

## Benefits

- Make water a chemical free sanitizer
- Protects against waterline biofilm growth
- Chemical free sanitation
- Pathogen control including E.Coli and Legionella
- Safe, dissolved ozone turns to dissolved oxygen after killing bacteria

Model	EOS7177-PQX
Connection	3/4"
Max Flow Rate (at 3 kg/cm <sup>2</sup> )*	2300 LPH
Concentration	Max. 1.5 ppm**, depends on programme & flow rate
Max. Pressure	7 kg/cm <sup>2</sup> (100psi)
Power Supply	Input AC 100-240V, 50/60Hz, Output DC 24V / 4A
Rated Power	96W
Water Quality	Clean Tap Water***
Water Temperature	1-40°C (34-122°F)
Dimensions	128.5 x 140 x 210.5mm
Weight (Net)	1.3 kg
Protection Class	IP56

\* Recommended flow for application

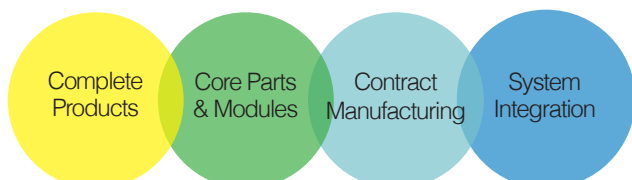
\*\* Total oxidation concentration

\*\*\* Filtered to ≤ 1µm, TDS 60-300mg/l, hardness < 180 mg/l as CaCO<sub>3</sub>

Note: WDS does not replace water filtration. For best results, always connect WDS in the water supply behind the filtration system.

## About Us

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.



**biotek** ozone

### 百特香港有限公司

Room 5, 7/F, Block A, HK Industrial Centre, 489-491 Castle Peak Road, Lai Chi Kok, Kowloon.

九龍 荔枝角 青山道 489 至 491  
香港工業中心 A座 7樓 5號室

**Tel : 25626628 Fax : 30115684**

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

