

# WDS

## Automatic Water Disinfection 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.

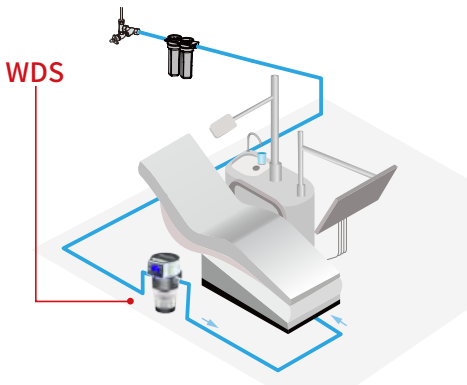
The product is designed to use a revolutionary AOP (advanced oxidation process) technology replacing conventional UV or chemical dosing treatment for water and waterlines sanitation. Activated oxygen will dissolve naturally into oxygen leaving no chemical residues in the water. This safe process reduces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



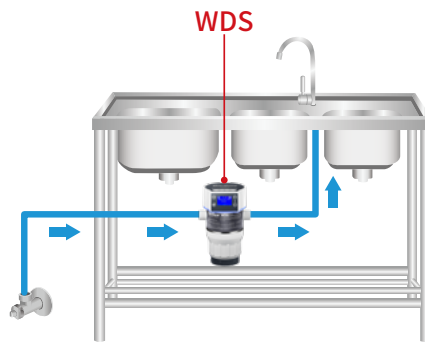
Model : EOS7177-PQ

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

## WDS Configuration Diagram



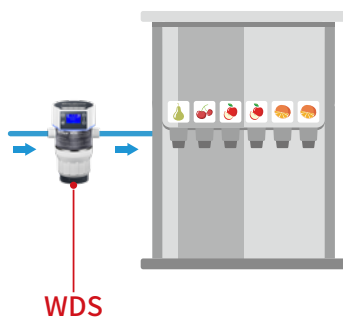
Dental Unit



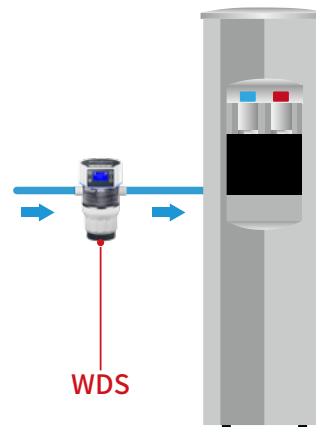
Faucet for Commerical Kitchen



Commerical Washing Machine



Beverage Dispenser



Water Dispenser

## 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

- Makes water a chemical free sanitizer
- Protects against waterline biofilm growth
- Reduces costs and labor hours
- Pathogen control including E.Coli and Legionella
- Safe, dissolved activated-oxygen turns to oxygen after killing bacteria

Model	EOS7177-PQ
Connection	3/4"
Max Flow Rate (at 3 kg/cm <sup>2</sup> )*	2300 LPH
Concentration	Max. 2 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	1-50°C (34-122°F)
Dimensions	128.5 x 140 x 210.5mm
Weight (Net)	2.0 kg
Protection Class	IP56

\* Recommended flow for application

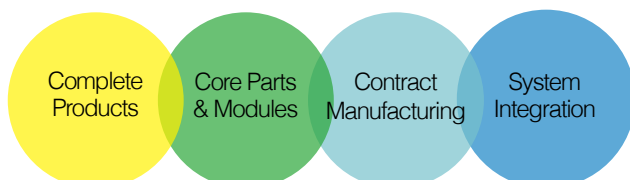
\*\* Total oxidation concentration

\*\*\* 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

Since 1988, BES Group has been the global leader in electrolytic technology. Converting water to ultra pure activated-oxygen 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.



### BIOSURE North America, LLC.

2020 Babcock Rd., Ste. 25  
San Antonio, Texas - USA

[www.besgroups.com](http://www.besgroups.com)

### Biotek Environmental Science Ltd.

5F, 98 Xingde Rd, Sanchung Dist,  
New Taipei, 24158 Taiwan

[www.besgroups.com](http://www.besgroups.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



### ProMedUSA Pte Ltd

116 Middle Road  
#09-01E ICB Enterprise House  
Singapore 188972

[www.promedusa.us](http://www.promedusa.us)  
[sales@promedusa.us](mailto:sales@promedusa.us)

