



ELECTROLYTIC WATER TANK OZONATOR

Model: EOS7252-S | EOS7252-H

THE PICTURE IS SHOWN FOR ILLUSTRATION PURPOSES ONLY.
THE ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHANCEMENT.

Enhanced Sanitation • Reduced Maintenance



Natural
& Effective



Simple
Installation



Assured
Clean & Safe



No Acidification
Non-Corrosive

Sanitation Excellence at its Best

Empowering Water Sanitation for Storage

Introducing the BioSure Professional Water Tank Ozonator - WTO Series, your hassle-free solution for ensuring clean and hygienic potable water in your storage tank. This easy-to-install product secures water quality by preventing bacteria and biofilm growth.

Our WTO systems utilize advanced [Electrolytic Ozone Technology](#) to efficiently purify your water, swiftly eliminating germs, including stubborn biofilm. Ozone, a safe and residue-free solution, naturally converts into oxygen, creating a clean water environment. Our system goes the extra mile by generating additional active oxidant species, including hydroxyl radicals, to enhance sanitation and guarantee top-notch water quality. Elevate your water storage system with the WTO Series for peace of mind and superior water quality.

Experience Clean Water with Simplicity, Safety, and Sustainability

Water Quality Enhancement:

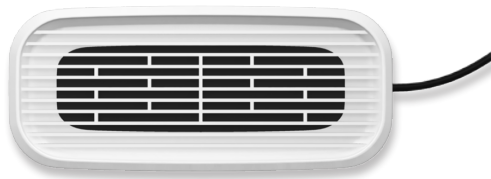
- Say goodbye to chlorine usage.
- Elevate oxygen levels in water.
- Prevent sediment and sludge buildup.
- Enjoy water with no residual odor.

Convenient Operation:

- Plug-and-play setup.
- Hassle-free maintenance.
- Easily replace capsules as needed.
- Integrate with a timed power supply unit for usage control.

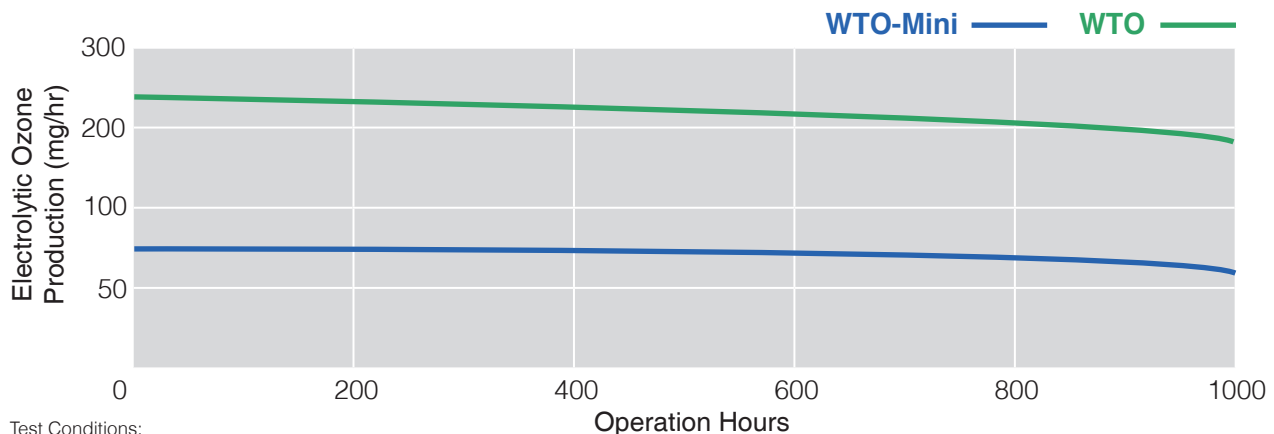
Sanitation and Safety:

- Powerful sanitization with dissolved O_3 & OH .
- Effective microbial & biofilm control.
- No NO_x production in electrolytic process, free from corrosive effects.
- Operate independently of air quality, unlike traditional ozone technologies that are inconsistent.



3RD-PARTY APPROVAL DOCUMENT
AVAILABLE UPON ON REQUEST.

Performance Profile and Service Life



Test Conditions:

- 1) Continuous operation under atmospheric pressure.
- 2) Standard room and water temperature (20 - 25°C).
- 3) Test water with a TDS (Total Dissolved Solids) of 100 ppm.
- 4) During the testing period, acid cleaning for electrode descaling is performed every 400 operating hours.
- 5) The measured values represent the combined oxidizing power, equivalent to ozone concentration, of all active oxidizing substances generated.



Potable Water



Recreational Vehicle



Rain Water



Recreational Boat



Pool & SPA



Urinal Water Tank



Water Features



Humidification & Misting



Central Domestic Hot Water System



Application Guidelines for Potable Water

For other applications, you may seek further advice from our professional recommendations.

Model Name	WTO-Mini	
Model No.	EOS7252-S	
Tank Size	Suggested Dosage	Estimated CT*
100L	0.3 hour	≥ 3.0
200L	0.5 hour	≥ 3.0
500L	1.0 hour	≥ 2.4
1,000L	1.5 hours	≥ 1.8

Model Name	WTO	
Model No.	EOS7252-H	
Tank Size	Suggested Dosage	Estimated CT*
1,000L	0.5 - 1.0 hour	1.8 - 3.6
2,000L	0.5 - 1.0 hour	1.8 - 3.6
5,000L	1.5 hours (by 2 units)	≥ 2.2
10,000L	2.5 hours (by 2 units)	≥ 2.2

*CT Values are pivotal in calculating disinfectant dosage for drinking water treatment. They result from multiplying the disinfectant concentration (e.g., ozone) by the contact time with the water. Typically measured in mg-min/L, a CT of 1.6 is widely accepted as the minimum threshold for effective ozone disinfection in potable water. Determining the appropriate CT value ensures the safe and efficient use of ozone in water treatment.

Specifications

WTO-Mini

EOS7252-S



WTO

EOS7252-H



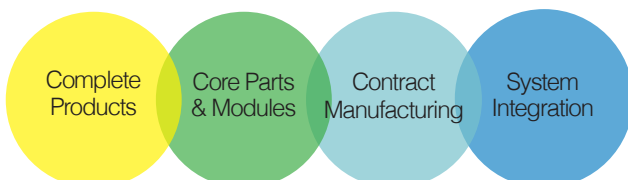
The electrolyzer is equipped with a 4-meter electric cord, and for added flexibility and convenience, an additional 4-meter extension cord is included. This setup applies to both models.

Model Number	EOS7252-S	EOS7252-H
Electrolytic Ozone Production*1	80 mg/hr	240 mg/hr
Ozone Capsule Lifespan (Operating Hours)	Up to 1000 hr*2	Up to 1000 hr*2
Dimensions	W180 x D77 x H28.5 mm (W7.1"x D3.0"x H1.1" inch)	W101.2 x D124 x H100 mm (W4"x D4.8"x H3.9" inch)
Net Weight	590 g (1.3 lb)	690 g (1.5 lb)
Power Supply (Power Adaptor Included)	100 - 240VAC, 50/60Hz	100 - 240VAC, 50/60Hz
Electrical Rating	Max. 40W	Max. 70W
Working Water Quality	Clean Tap Water*3	
Working Water Temperature	5 - 40°C (41 - 104°F)	
Conformity	ISO, CE, NSF, RoHS US EPA Product Registration EU Authorized Biocidal Product Manufacturer	

- *1. The production values encompass the total oxidizing power of all active oxidizing substances generated, measured in terms of its equivalence to ozone concentration.
- *2. Warranty: BES Group warrants these models to be free from defects caused by workmanship and defective materials for 30 days after the date of the original purchase. Scheduled acid cleaning maintenance may be required based on the actual water conditions during operation to ensure the specified lifespan.
- *3. Recommended water quality: Filtered TDS > 60 ppm. Hardness <180 ppm (as CaCO₃); Minimum TDS ≥ 30ppm is required for basic minimum performance. Depending on water characteristics, the product may require periodic acid descaling every 400-500 operating hours to ensure its optimal service lifespan and performance. For more information, please contact BioSure Professional's product support team.

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.



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