

Dental Unit Waterline Disinfection System DWDS120



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Top Dental Professionals Recommend

The DWDS120 is designed for dental unit waterlines sanitation it applies a revolutionary electrolytic technology from the BES Group **converting tap water into ozonated water as a natural and powerful sanitizer.** It helps to **improve infection control, reduce biofilm growth,** and it can be configured according to clinic needs, easily integrated into existing dental chairs, and does not change the original working procedures.

Electrolytic ozonated water offers a solution for maintaining clean water and dental waterlines. **Only water and electricity are required. No harsh chemical additions.** The ozonated water **reverts to oxygen and water instantly after sanitation** without harmful by-products.



Main Device



Display Box
(Optional)

Model: EOS7175-D

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



99.99%

Removals bacteria & viruses



Biofilm

Removal & prevention



Safety

No matter how much you use



Savings & Convenient

Helps reduce expensive chemicals and labor costs, DWDS120 keeps sanitizing during dental unit water use.



Safer Team

Ozonated water inhibits biofilm growth in DUWL which reduces aerosols coming from handpiece and the risk of pathogen transmission that improves the protection of dental staff.



Smart Self-cleaning (optional)

Reduce the maintenance cost by scale build-up issues in using high TDS water sources.



Continuous Sanitation

Ozonated water sanitizes the DUWL instantly when it flows through keeping the DUWL clean and safe.



Electrolytic Technology

Only requires water and electricity, no treatment chemicals are necessary.



Simple Installation

Easy integration into existing water supply.

Specifications

Connection	1/2"
Dissolved Ozone Conc.	Up to 0.1 ppm*
Max. Flow Rate @ 3 kg/cm ²	880 LPH
Max. Pressure	7 kg/cm ² (100psi)
Consumable Lifetime	1000hr operation time**
Power	AC 100 - 240V, 50/60Hz, 5W
Water Quality	Filtered clean water***
Optimal Water Temperature	5 - 40°C (41-104°F)
Dimensions; Weight (Net)	W73 x D118 x H108mm; 362g

* Water flow conditions: flow rate 100LPH (0.44GPM), pressure 1.5kg/cm²(20psi), TDS 60 ppm, temperature 25°C.

**1000 hrs refers to actual operating hours for dissolved ozone generation. Provided a dental unit is operated for 15 patients per day, the estimated replacement cycle of DWDS120's generator cartridge is about 1000 days.

*** TDS 30-250 ppm, Hardness < 180mg/l as CaCO₃

Note: DWDS120 does not replace water filtration.



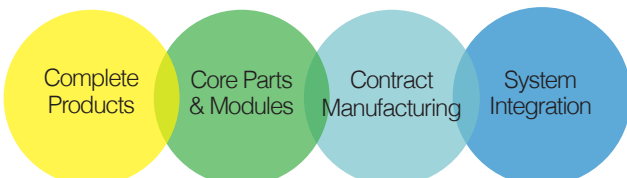
Wayne Simmons, DMD

"My recent personal and professional practice experience utilizing ozonated water from BES Group has been extraordinarily positive and beneficial to our patients, our staff, and to myself. It is a remarkable technology that will be welcomed into dental practices, medical offices, hospitals, nursing facilities, food and beverage, recreational facilities, worldwide."

United States - Prosthodontist, ACP, Diplomate ABOI

About Us

Since 1988, BES Group has been the global leader of electrolytic technology that converts water to ultra-pure ozone and hydrogen. Products applications include Food Safety, Ice & Beverage, Dentistry, Healthcare, Professional Laundry, Professional Cleaning, Maritime, and Home Sanitation & Wellness. All products and components are tested for high performance, safety, efficacy and reliability with certifications from government agencies and leading 3rd party labs.



Technologies applied are protected by one or more of the following patents:
US 8,306,914 B2, US 9,757,697 B2, US 9,248,208 B2

North America

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BES Group is continually improving its products and reserves the right to change specifications without notice.

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