



DENTAL UNIT WATERLINES OZONE DISINFECTION SYSTEM

Independent Chair Point of Use Solutions



Care-free
Labor-free



Clean &
Effective



Save Cost
& Downtime



Protect
Patients & Staff

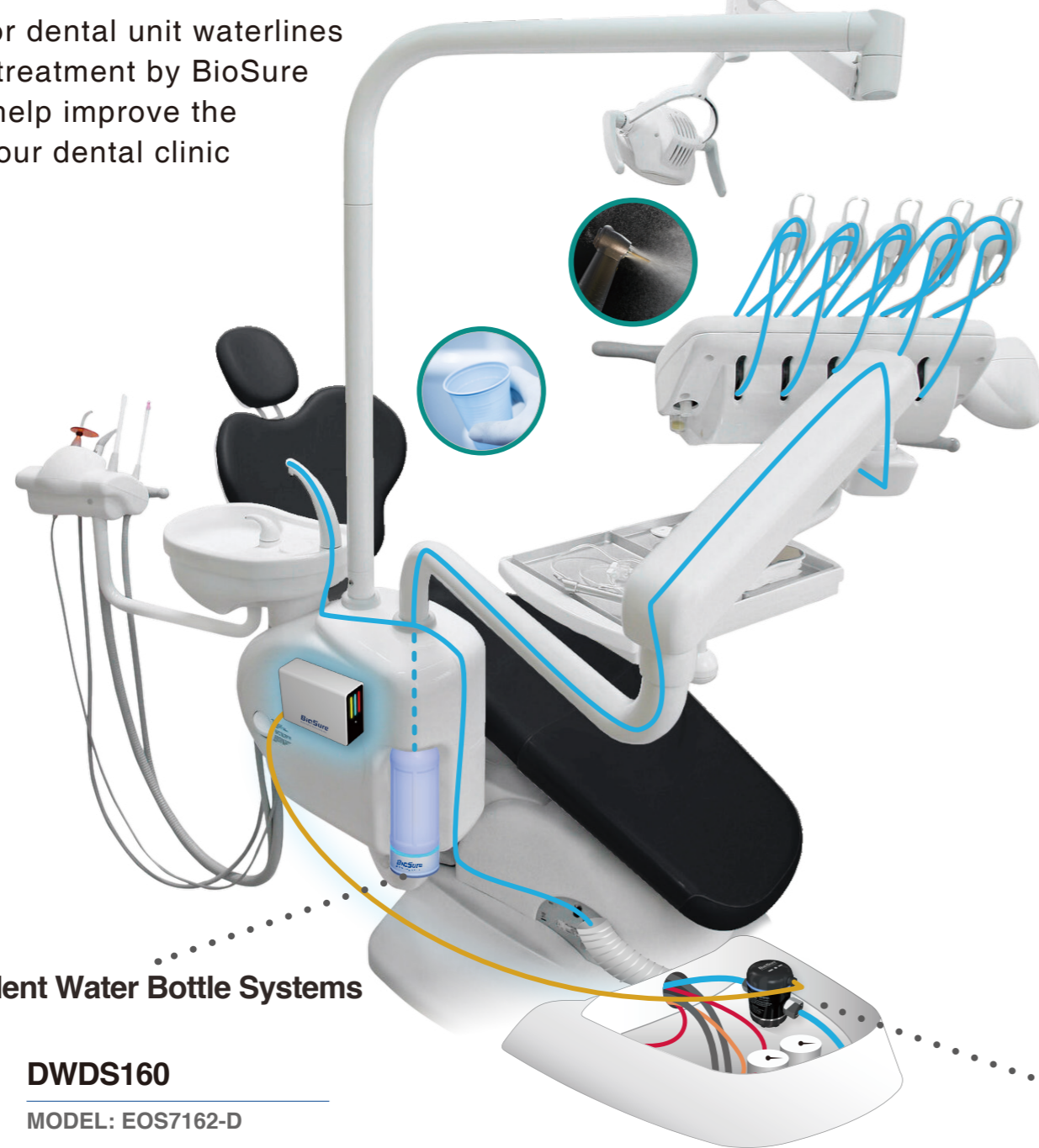
Designed to Exceed Hygiene Standards

Perfect Your Waterline Upkeep Management

Waterline maintenance becomes simple, effective and hassle free.

BioSure Professional offers the most convenient and reliable solutions for both common types of dental unit chairs and waterlines installations.

Innovations for dental unit waterlines maintenance treatment by BioSure Professional help improve the quality care your dental clinic can provide.



BioSure Professional DWDS Series uses Electrolytic Ozone Generation (EOG) technology to produce aqueous ozone, a natural and powerful oxidant sanitizer to prevent waterlines biofilm colonization that leads clogging in hand-piece, improve hygiene for patients and staff, and help save on costs by automation, lengthening the life of waterlines and reducing reliance on chemical solutions.

- ◆ Automatic and simple to use, only requires tap water and electricity.
- ◆ No need for harsh chemicals like chlorine.
- ◆ Safe for dental waterlines and chairs while preventing bio-film and clogging.
 - Smooth water flow delivery to handpiece and ultrasonic scaler
 - Compliance safe water for oral rinse
- ◆ USEPA registered to provide ≤ 100 CFU/mL compliant water.
 - USEPA Est. Reg. No. 96290
- ◆ NSF certified for material safety and SGS 3rd party tested and passed cytotoxicity tests.
 - Program Listed NSF01 C0642032



For Independent Water Bottle Systems



DWDS160

MODEL: EOS7162-D

- Built-in EOG cell.
- 1L bottle volume design.
- Durable for years or 2400L in the life of EOG cell.
- Heavy duty thick PC bottle wall constriction, BPA free.
- Compatible with standard dental unit water bottle systems.
- Universal 28 mm bottle threads.

For Municipal City Water Supplied Systems



Display Box (optional)

DWDS120

MODEL: EOS7175-D

- Replaceable EOG cell cartridge.
- Installation in minutes.
- Flow-start design.
- Intelligent self-booster program.
- Durable for years or 3000+ treatments in ozone generator cartridge life.
- Display box available for reading operational status.



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 ABOM

SPECIFICATIONS

Dental Unit Waterlines Ozone Disinfection System

DWDS120



Dimensions	W73 x D118 x H108 (mm) (W2.9" x D4.6" x H4.3")
Net Weight	380 g (0.85 lb)
Waterline Connection	1/2"
Power Supply	100-240V AC, 50/60Hz (24V DC, 0.5A)
Recommended Dental Operating Water Pressure	2 - 3 kg/cm ² (28 - 43 psi)
Water Quality	Cold clean filtered tap water* ¹
Water Temperature	5 - 40°C (41 - 104°F)
Protection Class	IP54
Aqueous O ₃ Concentration	Up to 0.3 ppm approx.* ²

*1. Recommended water quality: Filtered to ≤ 1 μm, Hardness <180ppm (as CaCO₃), TDS >60 ppm. Minimum TDS ≥ 30 ppm is required for basic performance.

*2. Maximum achieved with operation of self-booster program under recommended water quality.

DWDS160



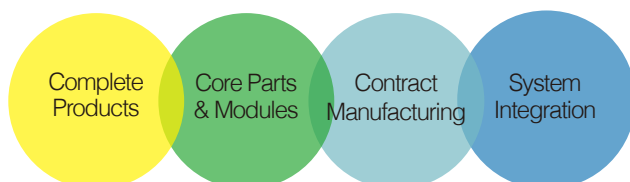
Dimensions	D88 x H323 (mm) (D3.4" x H12.6")
Net Weight	800 g (1.8 lb)
Bottle Connection	Standard 28mm (1.1") threads
Bottle Battery	Li-ion 3.7V, 3000mAh
Charging Power	5V DC, 1A (100-240V AC, 50/60Hz)
Charging Time	Up to 3 hours
Recommended Dental Operating Pressure	~ 3.5 kg/cm ² (~ 50 psi)
Water Quality	Cold clean filtered tap water* ¹
Water Temperature	5 - 40°C (41 - 104°F)
Protection Class	IP54
Aqueous O ₃ Concentration	0.6 - 0.3 ppm* ²

*1. Recommended water quality: Filtered to ≤ 1 μm, Hardness <180ppm (as CaCO₃), TDS >60 ppm. Minimum TDS ≥ 30 ppm is required for basic performance.

*2. Maximum achieved at the end of first 10-minute preparation with recommended water quality.

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 8,308,914 B2, US 9,757,697 B2, US 9,249,206 B2

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