

DENTAL OZONE APPLICATION GUIDEBOOK

Advanced Ozone Technologies for
Infection Control in Dentistry



BENEFITS



Chemical free
& residue free



Cost savings



Healthier
dental team



Safer
dental water

The Complete Disinfection Solution

Portable Sanitation Solution



Automatic Water Disinfection System

MODEL: EOS7177-PQ

- General surface sanitation
- Hand wash
- Instrument cleaning
- Dose not effect to water flow
- Oral rinse during treatment
- Ozonated water for dental unit water bottle (DUWL sanitation)



Hand washing



Individual water supply



Medical device surface sanitation



Odor removal



Risk reduction



Space Sanitizer System Plus

MODEL: EOS7190-P

Ozone gas concentration:

■ 0.05 - 0.1 ppm

Applications:

- Air & space sanitation
- Remove odors & unwanted smell
- Increase humidity
- Airborne transmission risk reduction



Compact Disinfection Unit

MODEL: EOS7131-CD

Ozonated water concentration:

■ Up to 10.0 ppm

Applications:

- General surface sanitation
- Hand wash
- Instrument cleaning
- Oral rinse during treatment
- Ozonated water for dental unit water bottle (DUWL sanitation)

Motion-censer Faucet (optional)

Water & Waterline Sanitation



Automatic Dental Waterline Disinfection System

MODEL: EOS7177-D

- Water & waterline disinfection
- Biofilm prevention
- Handpiece water supply
- Oral rinse during treatment
- On-demand operation



Water line



Oral rinse



Handpiece water supply



Professional Ozone Spray Bottle

MODEL: EOS7161-P

Ozonated water concentration:

■ Up to 3.0 ppm

Applications:

- General surface sanitation
- Lightweight design, easy to carry
- Compact & rechargeable
- Requires only tap water for operation



Hand sanitation



Hygienic environment

SPECIFICATIONS

Professional Ozone Spray Bottle

OSB



150ml

Application	Surface sanitation
Conc.	3.0 ppm
Working water quality	Clean tap water*1
Coverage	Up to 0.6 m ² per spray
Power	DC 5V 1A
Battery	1200 mAh
Dimensions (mm)	Φ53 x H255mm
Weight (Net)	308g

*1. TDS 60 - 200 ppm, hardness < 180 ppm as CaCO₃

Space Sanitizer System Plus

SSS+



Application	Space sanitation
Conc.	0.05 - 0.1 ppm
Working water quality	Pure water
Coverage	Up to 150 m ²
Power	AC 100-240V, 50/60Hz; 32W
Dimensions (mm)	W230 x D127 x H300
Weight (Net)	2.5kg

Automatic Dental Waterline Disinfection System

DWDS



Automatic Water Disinfection System

WDS



Application	Direct water feed dental unit	General sanitation
Conc.	0.5 - 1.0 ppm	Up to 2.0 ppm
Working water quality	Clean tap water*1	Clean tap water*2
Capacity	Up to 10 dentist chairs	Up to 2 faucets
Max. Pressure	7 kg/cm ² (100 psi)	< 7 kg/cm ² (100 psi)
Power	AC 100-240V, 50/60Hz; 96W	AC 100-240V, 50/60Hz; 32W
Dimensions (mm)	W140 x D128.5 x H210.5	W140 x D128.5 x H210.5
Weight (Net)	1.2kg	1.2kg

*1. TDS 60 - 300 ppm, hardness < 180 ppm as CaCO₃ *2. TDS 60 - 250 ppm, hardness < 180 ppm as CaCO₃

Compact Disinfection Unit

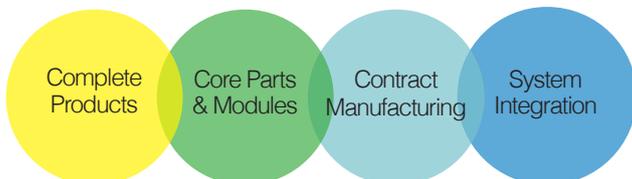
CDU



Application	Ozonated Water	
Conc.	6.0 - 0.6 ppm	10.0 - 1.0 ppm
Application Flow Rate	200 LPH (0.9 GPM)	100 LPH (0.4 GPM)
Working water quality	Clean tap water	
Max. Pressure	7 kg/cm ² (100 psi)	
Power	AC 100-240V, 50/60Hz; 60W	
Dimensions (mm)	W300 x D165 x H400	
Weight (Net)	7.5kg	

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

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