



Compact Disinfection Unit

M7100



INTRODUCTION

Biowell CDU(M7100) compact disinfection system ozonated water is proven effective in eliminating 99.999% of bacteria and protects against infections. The system is motion sensor activated to prevent cross-contamination and features auto shut-off. Ozone naturally reverts back to oxygen, is safe and effective, and does not require a final rinse.

Dental Applications:

- Hand wash
- Surface disinfection
- Scaling & prophylaxis
- Irrigant in ultrasonic scalers
- Dental unit water bottles
- Instrument pre-wash
- Mouth rinse
- Treatment area irrigation
- Bacteria-free water source



Hand Wash



Instrument Pre-wash



Pre-procedural rinses

PATENTED TECHNOLOGY:

- Electrolytic Ozone Generation (EOG)
- Pure Water System
- Dissolving Device
- Built-in Off-Gas Destruct Unit
- Complies with US OSHA safety

ADVANTAGES:

- Tap water as the only required input
- NOx-free ozone generation (only ozone and oxygen produced)
- >3k hour lifetime ozone generator cell
- Low variability to external factors such as air quality, humidity, and temperature
- Does not require an oxygen source, concentrator or input air dryer
- Consistent, on-demand ozone production
- Exceptional capability to support high frequency intermittent ON/OFF operation
- Instant and continuous flow of ozonated water
- Powerful disinfection, eliminates pesticides, viruses, bacteria and without the use of harmful chemicals

PERFORMANCE:

- Ozone gas generation rate 0.5g/h
- Ozonated water concentration and flow rate
 - 4.0 ppm @ 180 l/h (0-20 seconds)*
 - 2.0 ppm @ 180 l/h (0-5 mins)*
 - 1.0 ppm @ 360 l/h (0-5 mins)*

FEATURES:

- Compact POU (Point of Use) system
- Low water and power consumption
- Isolated electrical components for high humidity applications

USER FRIENDLY DESIGN:

- Drop in Installation (wall mounted or countertop)
- Compact and Quiet
- Only O₂ released as byproduct
- Front Mounted Digital Control Panel
 - Displays remaining lifetime of consumable parts
 - Motion sensor for touch-free operation

APPEARANCE:

- ABS Material Enclosure
- Dimension: L330 × W176 × H435 mm
- Net weight: 7.5 kg



