

## Our Patented Solution: Humidizone®

Ozone is a form of oxygen, consisting of three oxygen molecules (O<sub>3</sub>). Unlike diatomic oxygen (O<sub>2</sub>), the breathable oxygen present in our atmosphere, ozone is highly unstable, decaying to O<sub>2</sub> within just 30 minutes—making it a powerful oxidizing agent. Clean Waste Systems' proprietary Humidizone™ process injects ozone through water to achieve maximum decontamination with no emissions, hazardous fumes, dangerous chemicals, steam or heat.

## How Does it Work?

**Ozone Creation:** Oxygen molecules are electrically charged, splitting some apart. The split atoms then attach to the remaining oxygen molecules and form ozone.

**Decontamination:** An atom from the unstable ozone splits to attack and destroy pathogens.

**Oxidation:** After the pathogen's cell walls are destroyed, the rogue atoms reattach themselves and return to oxygen, creating zero emissions.

## The OMW-1000 Medical Waste Processor

With the capacity to process up to 1000 lbs. (453 kg) per hour, the OMW-1000 is the optimal ozone medical waste treatment system for larger operations seeking a safer, more efficient processing solution.

**The OMW-1000 can process a variety of medical waste products safely and sustainably, including:**

- ✓ Biohazardous/Infectious (Red Bag) Waste
- ✓ Cultures/Stocks of Infectious Agents & Biologicals
- ✓ Liquid Human & Animal Waste
- ✓ Blood & Blood Products
- ✓ Bodily Fluids
- ✓ Household/Solid Waste (Hospital Ward, Kitchen Waste, etc.)
- ✓ Pathological Waste
- ✓ Contaminated Animal Waste
- ✓ Sharps
- ✓ Suction Canisters



## SIMPLE

*Easy to use, easy to maintain!*

Through groundbreaking ozone technology, Clean Waste Systems has simplified the entire chain of waste processing operations, from system install to treatment to service and maintenance. The OMW-1000 is easy to use, easy to maintain, and reduces sorting, storage and logistics, making waste processing simple and stress-free for day-to-day operators.

## SAFE

*Reduced liability, increased peace of mind!*

Contained ozone sterilization is the answer to the dangerous, pollutive and high-liability processes the industry has relied upon for decades. Protect your staff and reduce your risk by choosing ozone sterilization for a safer, more controlled on-site processing environment.

## SUSTAINABLE

*Decreases cubic waste volume by 80%!*

Zero emissions. Zero drawbacks. By choosing ozone as an eco-friendly, no-emissions alternative to odorous, dangerous and pollutive processes like incineration, you're not only doing the right thing for the planet—you're doing the right thing for your organization by greatly reducing its energy, water, transportation and landfill usage and the associated costs.

## Enter the Future of Medical Waste Treatment

Clean Waste Systems' patented ozone technology is a proven breakthrough in medical waste treatment. Ozone's remarkable antibacterial, antiviral and antifungal activity has long had successful application in medical therapies. Now, Clean Waste Systems is pushing the industry forward with an ozone medical waste processing solution that lowers operational costs, environmental impact and liability while increasing safety and on-site cleanliness.

**Clean Waste Systems are  
found around the world.**

 **UC Health**

  
**MONUMENT  
HEALTH**

 **Community  
Health Network**

 **BIO-HAZ  
SOLUTIONS**

  
**COLORADO  
MEDICAL WASTE, INC.**  
"Industry Leader for Sustainable Medical Waste Management"

  
**futureNrg**  
Clean ⇨ Green ⇨ Renewable



## Contact Our Team

Contact the Clean Waste Systems team to learn more about taking your medical waste treatment in-house simply, safely and sustainably through our groundbreaking ozone technology.

Talk to Our Team

**1 (877) 478-5195**

Send us an Email

[info@cleanwastesystems.com](mailto:info@cleanwastesystems.com)

Our Headquarters

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**Clean Waste  
SYSTEMS®**

**Simple. Safe. Sustainable.**



**Ozone Medical Waste  
Treatment Systems for  
Healthcare Facilities**

**OMW-1000 PROCESS SUMMARY**

[CleanWasteSystems.com](http://CleanWasteSystems.com)