

BIOMIST

Power Sanitizing Systems



BIOMIST™

Saving Money. Saving Lives.

Sanitize with a *Wave of the Wand*



Operating the Biomist unit is as easy as point-and-spray.

Compared to all
other sanitizing methods, the
Biomist™ Power Sanitizing System

saves time and money.

The spray covers hard to reach
surfaces and crevices.

The Biomist system sanitizes more completely and with far less effort and complexity than any previous sanitation method. It's the first safe method for power spraying equipment and facilities with an alcohol-based solution. The penetrating mist reaches into small cracks and crevices that are impossible to reach with other sanitizing methods and kills pathogens where they hide.

Current surface disinfection techniques are often ineffective, utilizing a "hit or miss" approach with trigger-spray bottles and a sponge or rag wipe-down that can spread or re-introduce germs. This procedure is both time-consuming and inadequate, as dwell times must be achieved before the solution is removed. Biomist's sanitizing solution kills germs on contact and evaporates, leaving surfaces dry and ready for use. Simply spray and walk away!



Optimal Germ-Killing Power

Alcohol has long been recognized as a powerful sanitizing agent, as pathogens cannot build up resistance to it. The proprietary Biomist sanitizer contains a solution of concentrated alcohol with a four-chain quaternary ammonium compound to continue the sanitizing action even after the alcohol has completed its killing function and evaporated. Safety concerns over alcohol's flammability have always limited its use as a surface sanitizer . . . Until now!

Fire Safe Operation

To limit flammability, alcohol is often diluted into a weakened solution which is less effective in killing germs. Biomist's patented technology eliminates flammability by encasing the alcohol vapor in a stream of CO₂ gas, cutting off any oxygen needed for combustion. The solution can be sprayed safely, even in places where there is the possibility of electrical sparks or open flames.

BIOMIST™

Saving Money. Saving Lives.

Thorough, Effortless Coverage

The Biomist Power Sanitizing System propels a non-flammable mist of concentrated alcohol through a lightweight, point-and-spray atomizer. The Biomist system atomizes the sanitizing solution into extremely tiny micro-particles to form an efficacious, penetrating spray. These micro-droplets swirl into cracks and crevices, adhering to surfaces that are often missed by wiping methods.

The sanitizing mist diffuses uniformly throughout the space to be treated. Since CO₂ is heavier than air, it helps the sanitizer to settle onto surfaces promptly. Areas beyond physical reach can now be sanitized with minimal effort, as Biomist can be sprayed a distance of up to fifteen feet.

Protect your Equipment and Facilities

Modern electronic equipment is not compatible with corrosive sanitizers or wet-wash methods. Biomist thoroughly sanitizes sensitive components in seconds without damaging them. Users recover their investment many times over in reduced down-time and equipment repair or replacement costs.

In-Shift Sanitizing

Biomist eliminates the risk of cross-contamination from wiping, our D2 formula dries rapidly and is designed to sanitize surfaces without the need for rinsing or residual cleanup. Packaging equipment, conveyer lines and ready-to-eat food processing areas can now be thoroughly sanitized during working shifts to save time, labor and money. Biomist is a revolutionary intervention technology that ensures the quality of your products, and brings HACCP plans and SSOP's to a new level!

Patented Technology. Proven Performance.

Biomist's unique technology has been used in Japan and the Pacific Rim for more than ten years. It is now utilized by:

- Ambulance services and fire departments
- Hospitals and long-term care facilities
- Food production and packaging companies
- Pharmaceutical manufacturers
- Food service industries
- Medical and dental offices
- Hotels, resort inns and spas
- Athletic facilities

Effective, Efficient and Affordable

The Biomist Power Sanitizing System is the fastest sanitizing method available today, by far. It provides the best of both worlds: it is far more effective and far less expensive to use than all previous sanitizing methods while being environmentally, employee, and equipment safe. Biomist strengthens sanitation programs, reduces labor expense and minimizes danger to patients and sanitation crews.



*For more information,
call us today at 1-847-850-5530
Or log on to www.biomistinc.com*

Tested and Approved

Biomist Formula D2 is an EPA and NSF approved hospital-grade disinfectant that's non-corrosive and safe for use on precision equipment and electronics. It comes pre-sealed and ready-to-use, no mixing of dangerous chemicals or wondering whether the correct concentrations were achieved. Simply point and spray; the solution safely sanitizes and quickly evaporates, leaving surfaces and equipment ready for use.

Biomist Formula D2 Biocidal Studies and EPA Registered Label Claims



Sanitizing

Staphylococcus aureus (ATCC 6538)
Escherichia coli (ATCC 11299)
Escherichia coli 0157:H7 (ATCC 43895)
Pseudomonas aeruginosa (ATCC 15442)
Salmonella typhimurium (ATCC 13311)
Listeria monocytogenes (ATCC 19111)
Enterobacter sakazakii (ATCC 51329)
Vibrio cholerae (ATCC 14035)

Viricidal

HIV- 1 (associated with AIDS)
Hepatitis B Virus (HBV)
Norovirus (Norwalk Virus)

Disinfection

Staphylococcus aureus MRSA (ATCC 33591)
Staphylococcus aureus (ATCC 6538)
Enterococcus faecium VRE (ATCC 51559)
Escherichia coli 0157:H7 (ATCC 43895)
Pseudomonas aeruginosa (ATCC 15442)
Listeria monocytogenes (ATCC 19111)
Salmonella choleraesuis (ATCC 10708)

Simple, Safe and Dependable

Biomist's control system is straightforward and easy to use. Indicator lights show Power when the machine is first turned on, Ready when the CO2 reaches optimal temperature, and Low CO2 before the cylinder runs out of propellant. The controls also include a gauge to monitor gas pressure and a digital readout of the actual vaporization chamber temperature. For additional safety, a timer can be set to automatically shut the system down when sanitizing in confined spaces.

Biomist, Inc. supplies users with a pressurized cylinder of liquefied carbon dioxide. The CO2 passes through a safety valve to the heated vaporization chamber, turning the liquid CO2 into a high pressure gas. A regulator system releases gaseous CO2 at the optimal spraying pressure. The narrow aperture of the spray gun combined with the high pressure of the propellant atomizes the solution into micro-size droplets that swirl and adhere to surfaces. The Biomist Power Sanitizing System is made in the USA, registered with the FDA, and is certified compliant with most relevant industry standards.



The CO₂ Propellant System

Biomist, Inc.

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www.biomistinc.com

BIOMIST™

Saving Money. Saving Lives.

**“No Rinse, No Wipe,
No Problem.”**

Tested and Approved

The Biomist Mini Sanitizing System is registered with the FDA as a medical device. It is used by hospitals, pharmaceutical plants, and several of the nation's largest food processors. Independent testing has proved it effective in killing:

- Staphylococcus aureus MRSA (ATCC 33591)
- Staphylococcus aureus (ATCC 6538)
- Enterococcus faecium VRE (ATCC 51559)
- Escherichia coli 0157:H7 (ATCC 43895)
- Pseudomonas aeruginosa (ATCC 15442)
- Listeria monocytogenes (ATCC 19111)
- Salmonella choleraesuis (ATCC 10708)
- HIV- 1 (associated with AIDS)
- Hepatitis B Virus (HBV)
- Norovirus
- and the vast majority of all other viruses and bacteria

The Biomist Mini Sanitizing System is certified compliant with most relevant industry standards.

Kill Germs Fast

Biomist is the first safe method for power spraying equipment and facilities with an alcohol-based sanitizing solution. Biomist's non-corrosive sanitizing solution kills germs on contact and evaporates, leaving surfaces dry and ready for use. Simply spray and walk away!

Germ-Killing Power

Biomist Formula D2 contains a concentrated solution of alcohol (long recognized as an optimal sanitizing agent), as well as a four-chain quaternary ammonium compound to continue sanitizing after the alcohol has evaporated.

Fire-Safe Operation

To eliminate the problem of alcohol's flammability, Biomist's patented technology uses high pressure bottled carbon dioxide (CO₂) as a carrier to spray the sanitizer. By enveloping the alcohol mist in a stream of CO₂ propellant, Biomist displaces the oxygen needed for combustion. It can be used in the presence of open flame without danger.

Biomist™ Mini Sanitizing System



Use It Everywhere

- Health Care Institutions
- Travel and Hospitality
- Food Plants
- Ambulance Services
- Laboratories
- Restaurants
- and other critical environments



Saving Money. Saving Lives.

Thorough, Effortless Coverage

The Biomist Mini System atomizes the sanitizing solution into extremely tiny micro-particles and propels them in a high power mist. The penetrating, anti-microbial mist reaches contamination often missed by traditional sanitation techniques and kills pathogens where they hide.

The sanitizing mist diffuses uniformly throughout the space to be treated. And because CO₂ is heavier than air, it helps the sanitizer to settle onto the surfaces promptly. Areas beyond physical reach can now be sanitized with minimal effort.

Easy To Use

Biomist Formula D2 comes pre-mixed to ensure consistent efficacy with each use, just screw the bottle on to the applicator gun and you're ready to begin sanitizing. Operating the Biomist Mini Sanitizing System is as simple as point-and-spray, the solution self-dries rapidly so no wiping or residual cleanup is required. The Mini is low-maintenance, portable and doesn't require electricity for operation.

Protect your Brand and your Business

It is well known that bacteria and viruses can survive on surfaces for extended periods of time. Uncontrolled pathogens cost billions of dollars and tens of thousands of lives per year.

Current sanitizing practices are costly, time-consuming, often ineffective, and sometimes dangerous. Biomist strengthens sanitation programs and helps you maintain a cleaner and safer environment.

Fast, Effective and Affordable

Biomist is the fastest available sanitizing method, by far. It provides the best of both worlds: it is far more effective and far less expensive to use than all previous sanitizing methods while being safe for employees, equipment and the environment.



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Saving Money. Saving Lives.

*“Compact Design,
Powerful Results”*

Portable Protection

The Biomist Micro System is a perfect way to sanitize hard-to-reach areas. It can either be pulled by hand or worn backpack-style to allow you room to maneuver. No laborious hand pumping, electricity or batteries are required for operation. Just point and spray! The solution self-dries rapidly so no wiping, rinsing or residual cleanup is necessary.

Thorough, Effortless Coverage

Biomist Sanitizing Systems spray at a constant pressure for precise application, a major advantage over conventional sprayers. Constant pressure generates the atomization of Biomist Formula D2 for even coverage; only the minimally effective amount of sanitizer is used to get the job done. Savings are achieved through reduced time, labor and chemical consumption.

Fast and Effective

Biomist Formula D2 is non-corrosive and safe for use on electronics, metals, and food contact surfaces. Equipment is thoroughly sanitized in seconds without risking damage to sensitive electrical components and wiring. Downtime from water and chemical damage is greatly reduced.

Biomist saves time and eliminates the risk of cross-contamination from wiping. Equipment and portable items that carry pathogens from one point to another can be sanitized quickly and efficiently.



Saving Money, Saving Lives.

Biomist[®] Micro Sanitizing System



Protect your Brand and your Business

Emerging regulations place greater accountability on companies to protect the public, as uncontrolled pathogens cost billions of dollars and tens of thousands of lives per year. Current sanitizing practices are costly, time-consuming, often ineffective, and sometimes dangerous. Biomist strengthens sanitation programs and helps you maintain a cleaner and safer environment. Use Biomist proactively to guard your reputation and minimize the risk associated with recalls and negative media.

Affordable Assurance

It is well known that bacteria and viruses can survive on surfaces for extended periods of time and Biomist is the fastest sanitizing method available. It provides the best of both worlds: Biomist is more effective and less expensive to use than all previous sanitizing methods while being safe for employees, equipment and the environment.

Tested and Approved

The Biomist Micro Sanitizing System is registered with the FDA as a medical device. It is used by hospitals, pharmaceutical plants, and several of the nation's largest food processors. Independent testing has proved it effective in killing:

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Staphylococcus aureus (ATCC 6538)
Enterococcus faecium VRE (ATCC 51559)
Escherichia coli 0157:H7 (ATCC 43895)
Pseudomonas aeruginosa (ATCC 15442)
Listeria monocytogenes (ATCC 19111)
Salmonella choleraesuis (ATCC 10708)
HIV- 1 (associated with AIDS)
Hepatitis B Virus (HBV)
Norovirus
and the vast majority of all other viruses and bacteria

The Biomist Micro Sanitizing System is certified compliant with most relevant industry standards.

Kill Germs Fast

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Fire-Safe Operation

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- Health Care Institutions
- Travel and Hospitality
- Food Plants
- Ambulance Services
- Clean Rooms and Laboratories
- Restaurants
- and other critical environments



The fastest, most effective sanitizing method available.



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