STERAMIST® iHP™ | ionized HYDROGEN PEROXIDE

ONE TECHNOLOGY. ENDLESS APPLICATIONS.

PATENTED iHP DISINFECTION & DECONTAMINATION

DECON THAT DOES IT ALL

- 6-LOG REDUCTION
- RELIES ON SCIENCE
- 4X FASTER THAN COMPETITION
- SUPERIOR COMPATABILITY
- NO WIPE, NO RESIDUE

STERAMIST.COM | 800.525.1698

SAFE HARBOR STATEMENT

Forward-Looking Statements

This presentation contains statements that are forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, or the Exchange Act, that are based on management's current expectations and assumptions and are subject to risks and uncertainties. Such statements include, but are not limited to, statements about (i) the scope, duration and ultimate impact of the COVID-19 pandemic, (ii) delays in product development and deployment, (iii) market acceptance of our SteraMist products and related services, (iv) technological change in the disinfection industry, (v) competition in disinfection markets generally in the United States and abroad, (vi) results and costs associated with governmental investigations and litigation, (vii) intellectual property issues, and (viii) other aspects of business identified in this presentation, as well as other reports that we file from time to time with the SEC. In some cases, you can identify forward-looking statements by terminology such as "may," "will," "could," "would," "should," "expect," "plan," "anticipate," "intend," "tends," "believe," "estimate," "predict," "potential," "project" or "continue" or the negative of those terms or other comparable terminology. These statements are only predictions. Actual events or results may differ materially from those expressed or implied by these forward-looking statements because of market conditions in industries or other factors that are in some cases beyond our control. All of the forward-looking statements are subject to risks and uncertainties. Various factors, including but not limited to the risks described from time to time in TOMI's Environmental Solutions periodic filings with the SEC, including, without limitation, the risks described in TOMI's Environmental Solutions Annual Report on Form 10-K for the year ended December 31, 2023, under the captions "Risk Factors" and "Management's Discussion and Analysis of Financial Condition and Results of Operations," could cause actual results to differ from those implied by the forward-looking statements. Given these risks and uncertainties, you are cautioned not to place undue reliance on these forward-looking statements. All information is current as of the date this presentation is issued, and except as required by law, TOMI Environmental Solutions does not undertake, and specifically declines, any obligation to update any of these statements or to publicly announce the results of any revisions to these statements to reflect future events or developments.

Non-GAAP Disclosure

The information provided herein includes certain non-GAAP financial measures. These non-GAAP financial measures are intended to supplement the GAAP financial information by providing additional insight regarding results of operations of the Company. The non-GAAP Adjusted EBITDA financial measure used by the Company is intended to provide an enhanced understanding of our underlying operational measures to manage the Company's business, to evaluate performance compared to prior periods and the marketplace, and to establish operational goals. Certain items are excluded from this non-GAAP financial measure to provide additional comparability measures from period to period. This non-GAAP financial measures will not be defined in the same manner by all companies and may not be comparable to other companies. This non-GAAP financial measures is reconciled in the accompanying tables to the most directly comparable measures as reported in accordance with GAAP, and should be viewed in addition to, and not in lieu of, such comparable financial measures.

Sanitization, Disinfection, Decontamination, Sterilization

In today's global landscape, the importance of "clean" cannot be overstated.

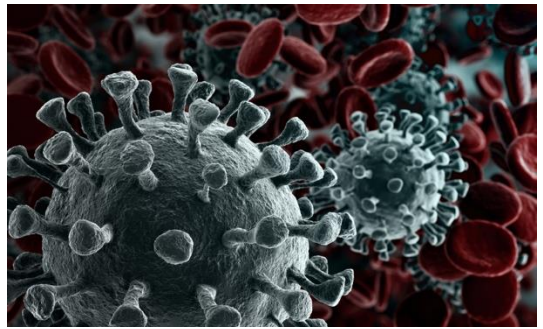
Critical for maintaining public health, preventing the spread of infectious diseases, and ensuring safe environments in all industries.

The heightened awareness of standards has created a demand for efficient and reliable solutions worldwide.
Stricter health and safety regulations across industries necessitate the need for disinfection practices.
The threat of potential pandemics fuels the continuous demand for such products.

Global contamination concerns include:

Antimicrobial Resistance, the rise of drug-resistant bacteria in the Pharmaceutical industry
Foodborne Pathogens in food and beverage risk contamination from bacteria like Salmonella and E. Coli
Public concerns of Airborne Viruses in public spaces and transportation in the Commercial industry
Healthcare-Associated Infections or HAIs in Healthcare






Developed by DARPA, Powered by Nature

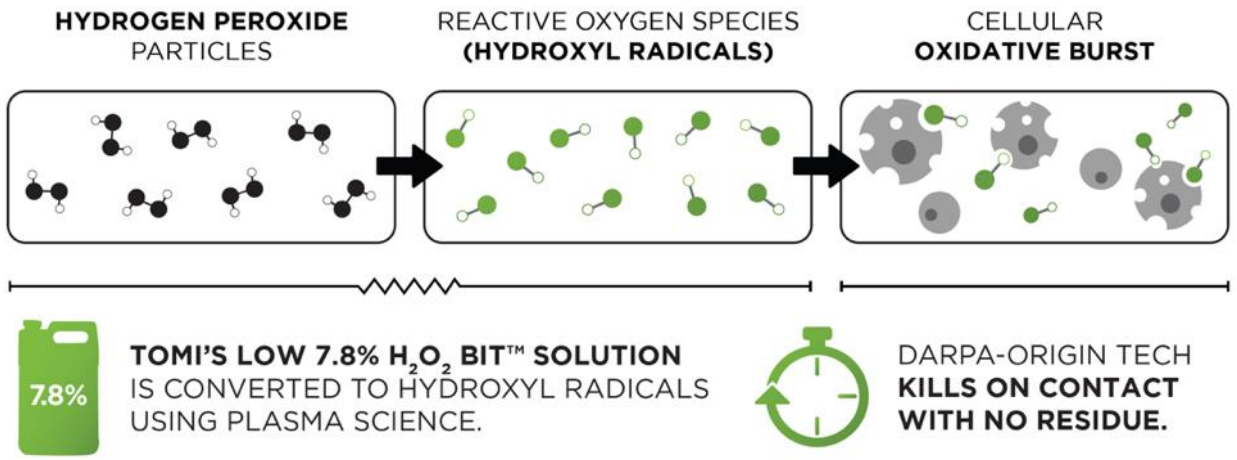
Defense Advanced Research Projects Agency (DARPA) developed BIT for the purpose of neutralization of weaponized anthrax known as Amerithrax.

TOMI acquired patent rights based on the rigorous scientific research backed by the U.S. government.

TOMI proceeded to commercialize SteraMist application devices, leading to a revolutionary transformation in the field of disinfection decontamination.

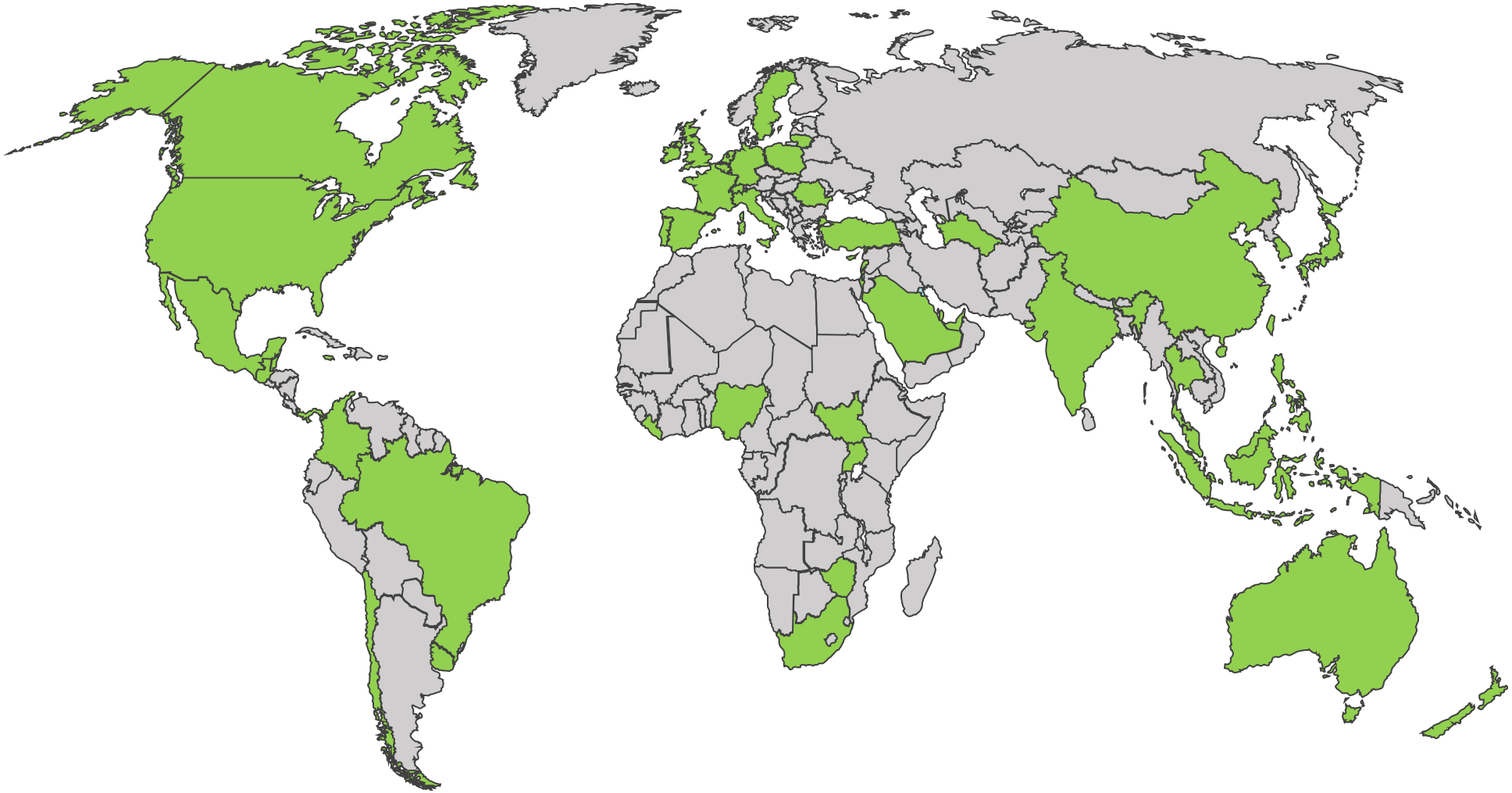
Today, TOMI Headquarters maintains BIT registrations worldwide, provides iHP Technology in a variety of application methods for its multitude of industries.

STERAMIST® iHP™ | ionized HYDROGEN PEROXIDE



- ✓ Atmospheric cold plasma arc converts hydrogen peroxide molecules into iHP - hydroxyl radicals a reactive oxygen species (ROS) and one of the most powerful oxidizing agents in nature
- ✓ Destroys proteins, carbohydrates and lipids on contact via oxidation - resulting in killing bacteria, bacteria spores, mold spores, and the inactivation of viruses
- ✓ Reacts with chemical and weaponized biological agents by breaking their double bond and inactivating them
- ✓ Quick drying, no wipe, no rinse, no residues, no toxic by-products, no preconditioning

Worldwide Distribution Network



STERAMIST® iHP™ | ionized HYDROGEN PEROXIDE

Life Sciences

Pharmaceutical
Vivarium
Research University
Cleanroom
All Chamber
BSC
All Laboratory
Pharmacy
Cell & Gene Therapy
Blood &Tissue Bank
Government

Food Safety

Manufacturing
Packaging
Processing
Transportation
Storage
Grocery Store
Meat & Poultry
Vertical Farming
Dairy
Coffee
Prepared Food

Commercial

Hospitality
Office Buildings
EMS
Athletic Facility
Education
Public Venue
Mass Transit
Government
Aviation
Wellness Center
Residential

Hospital-Healthcare

Hospital
Exam Room
Hospice
Medical Facility
Operating Room
Dentist Office
Veterinarian
Medical Device
Nursing Home
Outpatient Center
Cosmetic

Utilized In:

Surface Decon
Area Decon
Mold Remediation
Mildew Remediation
Mycotoxins
Crime Scene Cleanup
Bio-Hazard Cleanup
Disaster Recovery
Routine Cleaning
Pathogenic Outbreaks
Warfare Agents





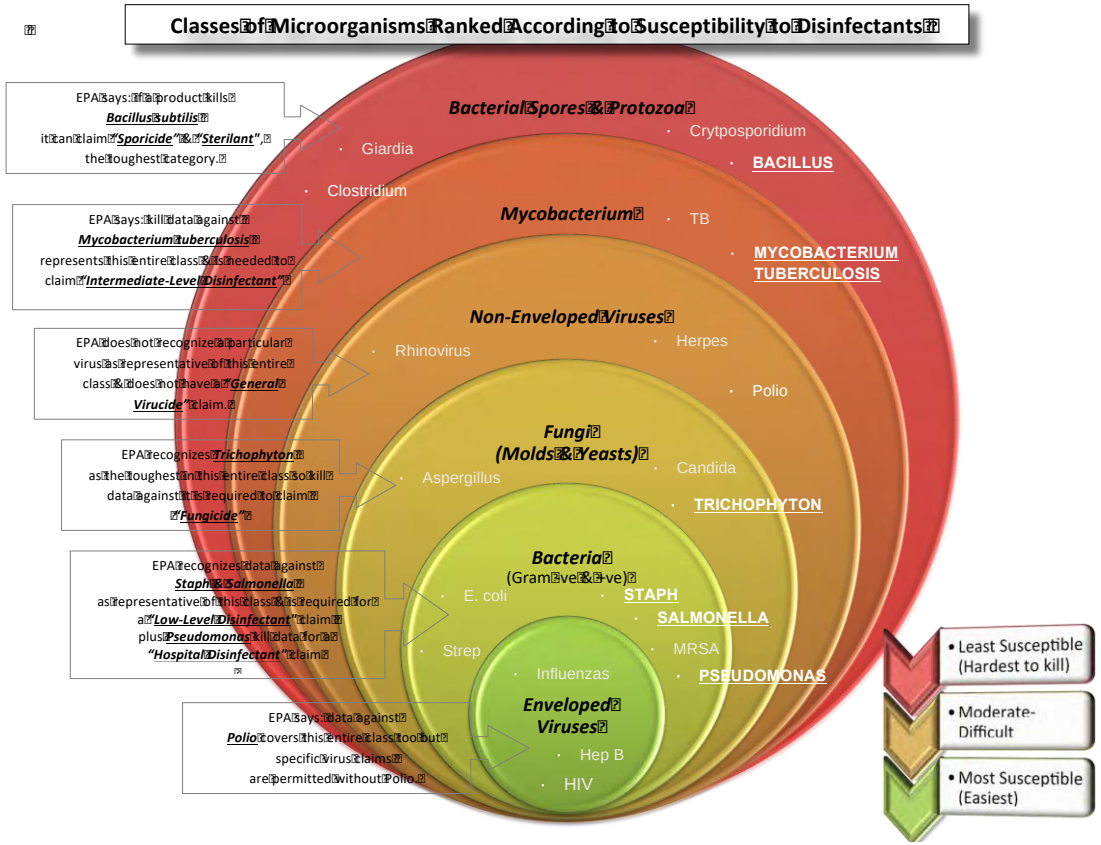
Binary Ionization Technology® (BIT™) Solution
(Alternate Brand Names:
SteraMist™ BIT™ Solution
Binary Ionization Technology (BIT™) Plus
Binary Ionization Technology
BIT™
BIT™ Solution Ready-To-Use Hydrogen Peroxide
SteraMist™ BIT™)

{Begin Optional Front Panel Claims}

ACCEPTED
Jul 27, 2017
Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 90150-2

Disinfects against:
Staphylococcus aureus (Staphylococcus) (Staph) (ATCC #6538)
Pseudomonas aeruginosa (Pseudomonas) (ATCC #15442)
Methicillin Resistant *Staphylococcus aureus* (MSRA) (ATCC #33592)
Salmonella enterica (Salmonella) (ATCC #10708)
Influenza *A virus* (H1N1) (ATCC #VR-1469)
Clostridium difficile spores (*C. diff*) (ATCC #43598)
Norovirus (Feline Calicivirus) (FCV) (ATCC #VR-782)

For use in mold and mildew control and remediation



EPA Listed: **List G** Norovirus, **List H** MRSA, **List K** *C. difficile,* **List L** Ebola, **List M** Avian Influenza, **List N** Emerging Pathogens, including SARS CoV-2, **List Q** Emerging Viral Pathogens, including Monkeypox.

THIRD PARTY TESTED AGAINST MULTIPLE PATHOGENS & ROUTINELY VALIDATED AGAINST

GEOBACILLUS STEAROTHERMOPHILUS SPORES
THE GOLD STANDARD OF DISINFECTION

99.9999 SIX LOG %

STERAMIST PATHOGEN EFFICACY

Organism	Classification	Reduction (Log)
Bacillus atrophaeus[1]	Bacterial Spore	>8.3
Geobacillus stearothermophilus	Bacterial Spore	>6.3
Bacillus subtilis	Bacterial Spore	>6.0
Clostridium difficile spores[3,4]	Bacterial Spore	>6.0
Escherichia coli	Gram Negative	>7.4
Pseudomonas aeruginosa[3]	Gram Negative	>6.0
Serratia marcescens	Gram Negative	>6.0
Salmonella entercia[3]	Gram Negative	>5.5
Staphylococcus aureus[3]	Gram Positive	>7.4
Methicillin-resistant *Staphylococcus aureus* (MRSA)[3]	Gram Positive	>5.9
Bacillus atrophaeus vegetative cells	Gram Positive	>9.0
Aspergillus Niger	Mold	>8.0
Aspergillus species	Mold	>7.0
Cladosporium species	Mold	>7.0
Penicillium Species	Mold	>7.0
Stachybotrys chartarum	Mold	>7.0
Trichophyton mentagrophytes	Mold	>6.0
Human rhinovirus 16[2]	Virus	>6.8
Influenza A (H1N1)[3]	Virus	>10
Norovirus[3]	Virus	>6.4
Adenovirus	Virus	>5.8

STERAMIST MOLD & FUNGI EFFICACY

- *Aspergillus expansum*
- *Aspergillus parasiticus*
- *Aspergillus restrictus*
- *Aspergillus sydowii*
- *Aspergillus tamarii*
- *Aspergillus terrusi*
- *Aspergillus ustus*
- *Aspergillus versicolor*
- *Aspergillus wentii*
- *Candida auris**
- *Cladosporium cladoporiodes* Type 1
- *Cladosporium cladosporiodes*
- *Cladosporium herbarum*
- *Cladosporium sphaerospermen*
- *Eurotium arnstelodami*
- *Geotrichum candidum*
- *Memnoniella echinata*
- *Mucor racemosus*
- *Mycothecium verrucaria*
- *Paecilomyces lilacinus*
- *Paecilomyces varioti*
- *Penicillium atramentosu*
- *Penicillium cluysogenum*
- *Penicillium citrinum*
- *Penicillium corylophilum*
- *Penicillium crustosum*
- *Penicillium glandicola*
- *Penicillium griseofulvum*
- *Penicillium olsonii*
- *Penicillium roquefortii*
- *Penicillium verrucosum*
- *Penicillium brevicompactum*
- *Rhizopus stolonifer*
- *Scopulariopsis asperula*
- *Scopulariopsis brevicaulis*
- *Scopulariopsis brumptii*
- *Scopulariopsis chartarum*
- *Stachybotrys chartarum*
- *Trichoderma hamatum*
- *Trichoderma harzianum*
- *Trichoderma longibranchiatum*
- *Ulocladium chartarum*
- *Wallemia sebi*

THIRD PARTY TESTED AGAINST MULTIPLE PATHOGENS & ROUTINELY VALIDATED AGAINST **GEOBACILLUS STEARTHERMOPHIUS SPORES** THE GOLD STANDARD OF DISINFECTION

99.9999 SIX LOG %

Eliminating Spores and Mycotoxins

All SteraMist systems are used for mold remediation.

Mycotoxins are nonliving and submicron particles (30 times smaller than a mold spore), **most disinfectants are unable to successfully deactivate mycotoxins**. Mold remediation may be validated using standard methods, but the *mycotoxins will be left behind* and a HEPA filter will allow the mycotoxin to pass directly through.

Mycotoxin contamination has an economic impact affecting multiple industries and contributing to global financial losses in the billons annually.

Agriculture losses
Livestock and Animal Feed
Trade and Export
Supply Chain Disruptions

TOMI is partnering with a service provider in 2025 to add to its current studies of treatment on mycotoxins and iHP efficacy in its remediation.

The SteraMist Environment System allows a successful elimination of mycotoxins, a game changer to service providers in remediation and the food safety industry.

FIRE DAMAGE	WATER DAMAGE
Remove lingering soot and ash odors with an easy-to-use technology.	**Eliminate musty mold odors** that result from spores and water-damaged materials.
Disinfect newly-exposed areas and prevent hazardous mold growth.	**Prevent health risks** with advanced efficacy against mold and pathogens.
Avoid further property loss and damage with a disinfection for any surface.	**Disinfect even the most delicate items** with gentle, powerful disinfection.

EPA REGISTERED
EPA REG. #90150

STERAMIST® iHP™ | ionized HYDROGEN PEROXIDE

FIGHTING AND PREVENTING HIGH-RISK INFECTIOUS PATHOGENS

Multiple studies show **10-50% of the surfaces in patient rooms** colonized or infected with *C. difficile*, MRSA, and VRE are contaminated and have been linked to an overall **120% increased risk of infection to the next occupant in that room.**[1]

HOW COMPETITORS FALL SHORT

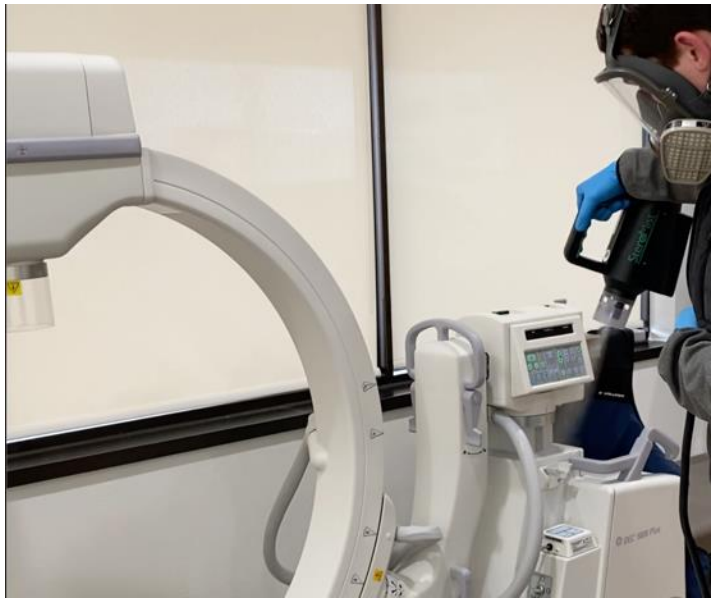
Ultraviolet Light: Limited by range. Shadows prevent efficacy. Expensive to maintain.

Manual Cleaning: May miss tight spaces. Introduces cross-contamination. Increases labor.

Halosil™: Includes silver, an ingredient known to corrode and pose hazards to health.

THE IDEAL **PRODUCT**	THE IDEAL **PRACTICE**
• Should be broadly effective against pathogens and spores.	• All staff should be trained to properly use disinfection technology and methods.
• Acts quickly with a nearly-nonexistent wet contact time.	• Disinfect every area of the facility, from high-touch to hidden areas.
• Able to be applied to any surface in your facility via material compatibility.	• Avoid cross-contamination risks that arise from the use of manual wipes.
• Easy-to-use by staff and can be seamlessly integrated.	• Routine treatment to fight and reduce the likelihood of future outbreaks.

STERAMIST® IS THE ALL-IN-ONE SOLUTION.



[1]Rutala, W.A. Enhanced Environmental Disinfection Strategies Lead to Improved Patient Outcomes [White Paper]. *PDI*. [2]Paxton, Helene. "Use of Novel Approaches to Reduce Clostridium Difficile in an Inner City Hospital." *InfectionControl.tips*, 20 Mar. 2017

EPA REGISTERED
EPA REG. #90150

EPA LIST K:

Antimicrobial products effective against *Clostridium difficile* spores

TOTAL FACILITY ***C. diff*** **CASES**	
Before SteraMist Application	16
After SteraMist Application	**1**

African Swine Fever Virus & Foot-and-Mouth-Disease Virus: Evaluating the Virucidal Efficacy of Ionized Hydrogen Peroxide Fogging for Inactivation of Transboundary Animal Disease

GLP Studies conducted by the U.S. Department of Homeland Security

OECD Virucidal Efficacy Test Method with a fogging device, the Environment System and EPA-registered BIT Solution against **Foot-and-mouth-disease virus Serotype A24 dried and African swine fever virus (Strain BA71V)** dried on hard non-porous stainless steel.

Test Microorganism: **African swine fever virus (ASFV), Strain BA71V**

When applied at 7.4% BIT H_20_2 and a dwell time of 14 minutes, reduced infectious ASFV dried on hard nonporous surfaces in the presence of an organic soil load in the absence of cytotoxicity with no infectious virus detected at any dilution tested, passed per EPA acceptance criteria for demonstration of virucidal efficacy.

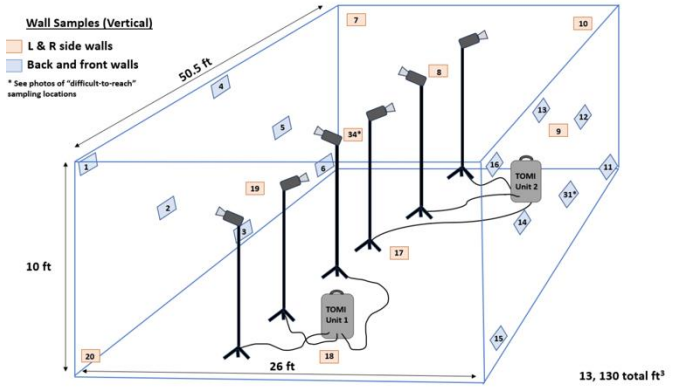
Test Microorganism: **Foot-and-mouth-disease virus (FMDV), Serotype A24**

When applied at 7.4% BIT H_202 and a dwell time of 14 minutes, reduced infectious FMDV dried on hard non-porous surfaces in the presence of an organic soil load in the absence of cytotoxicity with no infectious virus detected at any dilution tested, passed per EPA acceptance criteria for demonstration of virucidal efficacy.

In 2025, TOMI plans on submitting for a new label with the EPA for these specific viruses which many current customers in the animal research industry have requested.

A. TEST ROOM DIAGRAM AND SAMPLE PLACEMENT

Figure 1: Test Room Diagram



STERAMIST® iHP™ | ionized HYDROGEN PEROXIDE

APPLICATIONS AT EVERY LEVEL OF BIOHAZARD

EXCLUSION ZONE	CONTAMINATION REDUCTION ZONE	SUPPORT ZONE
Inside the operational area, SteraMist provides a critical tool to deliver emergency response during cleanup.	Inside the transitional zone, SteraMist is the ideal decontamination for any outgoing equipment.	SteraMist stands ready within the clear zone as a layer of protection, containing any potential outbreak.

BWA

ANTHRAX

- Dangerous, spore-forming organism
- Used as an inhalation weapon
- 90 to 95% fatality rate

Microorganism	Reduction
Vegetative *Bacillus subtilis*	>6.0*
Geobacillus stearothermophilus	>6.3*
Weaponized *Bacillus atrophaeus* spores	>8.3*
Vegetative *Bacillus atrophaeus*	>9.0*

RIP

RICIN

- Natural poison found in castor beans
- Starves cells of essential proteins
- Casues death within 36-72 hours

Surrogate	Reduction
Ricin A Chain	PASS**
Staphylococcus Enterotoxin B	PASS**
Clostridium Botulinum A	PASS**

VX

NERVE AGENT

- Oily and odorless liquid or vapor
- Effective on direct contact
- Causes death within minutes

Surrogate	Time	Reduction
Diazinon (Simulant)	1 Min.	99.999%*
Diazinon (Simulant)	2 Min.	100%*

HD

SULFUR MUSTARD

- Blistering agent with harsh odor
- Vaporous on surfaces
- Burns eyes, skin, respiratory tract

Surrogate	Time	Reduction
CEES (Simulant)	1.5 Min.	84.7%*
CEES (Simulant)	2 Min.	98.1%*

STUDY 1

OBSERVING iHP POTENTIAL IN THE SANITIZATION OF GRAPE TOMATOES, SPINACH, AND CANTALOUPE

Results demonstrate that SteraMist can be used to enhance the microbial safety of fresh fruits and vegetables.

STUDY 2

COMPARING iHP APPLICATION AGAINST NON-ACTIVATED HYDROGEN PEROXIDE ON FRESH GRAPE TOMATOES, APPLES, CANTALOUPE, AND ROMAINE LETTUCE

Cold plasma and aerosolized H_2O_2 had synergistic effects to quickly reduce the populations of Salmonella and Listeria inoculated onto different types and surfaces of fresh produce items.

STUDY 3

OBSERVING THE EFFECTS OF iHP APPLICATION ON APPLE, TOMATO, AND CANTALOUPE STERILIZATION AND QUALITY IN LARGE-SCALE STORAGE

Results indicate that iHP may be applied on a large scale to enhance the microbial safety of fresh produce.

STUDY 4

MODELING EFFECTS OF HYDROGEN PEROXIDE CONCENTRATION, TREATMENT TIME AND DWELL TIME

Results showed that the treatment time from 10 to 30 s or dwell time of 15 and 30 min exhibited limited effectiveness. H_2O_2 concentrations have more profound effects on the efficacy of activated H_2O_2 than treatment time and dwell time.

STERAMIST® iHP™ | ionized HYDROGEN PEROXIDE

By 2025, the global cannabis industry is expected to reach a market size of around $73.6 billion driven by increasing legalization, medical applications, and consumer demand.

TOMI conducted a study January 2025 with a prominent company that sets the standard in the industry, iHP alleviated mold CFU's from 100,000 to under 10,000, which is incredible to the industry leaders.

Application of the Enviro-Mist Method to Cannabis Flower: Nondestructive Sample Remediation for Microbial Contamination

Cole Alleman, Kimberly Borron, Johnny Lightcap, Robert Turner, Kim Sherman, Jake Medlin

ARTICLE INFO

Article History:
Written: 05/13/2021

Keyword:
Cannabis
Flower
Harvest Batch
Remediation
Oklahoma Medical Marijuana Association

Abstract

The purpose of this study was to determine the efficacy of Enviro-Mist method directly applied to cannabis products. Cannabis Flower was inoculated with *Aspergillus flavus*, *Aspergillus fumigatus*, *Aspergillus niger*, *Aspergillus terreus*, *Escherichila Coli* Shigella Spp, *Salmonella*, *Staphylococcus aureus,* yeasts and molds and subsequently treated using Ionized Hydrogen Peroxide (iHP) to the dried material. Dielectric Barrier Discharge technology was used to enhance decontamination and increase aeration. Measurements were taken on moisture, residual solvents, potency and microbial load. A non-Inoculated sample was used as base control for potency, whereas an inoculated sample was used to show base line for microbial testing. Visual and organoleptic characteristics were not adulterated. Potency results of the cannabis plant were not affected. No additional residual solvents were found. The process was successful in complete remediation of all microbial contaminants.

ELIMINATING ASPERGILLUS AND POWDERY MILDEW
WHILE PROTECTING CANNABIS GROWTH

PROVIDED BY:

DARK HORSE genetics

Products Used:	SteraPak, BIT Solution
Use Site:	Pre-harvest cannabis plant stocks
Summary:	Aspergillus mold impacted cannabis yields grown by Dark Horse Genetics, requiring a spray that directly eliminates the fungus without affecting quality.

INTRODUCTION

Aspergillus is a type of saprophytic fungus that plays a role in removing carbon from the atmosphere. However, it can pose severe health risks to immunocompromised individuals. This presents a significant danger to patients who consume medicinal cannabis by smoking and inhaling through combustion, as the spores are not eliminated by the low burning temperatures.

PROJECT SCOPE

Dark Horse Genetics needed a solution to their mold problem in the grow facility after it failed an Aspergillus and powdery mildew test. A solution was required for the cannabis that did not pass the testing stage. The solution needed to be a spray that would not compromise the cannabis' strength or usability, as it had already undergone the drying and curing process. The research was a two-phase process. It needed to be determined if SteraMist was a solution to remediate the Aspergillus and powdery mildew in the infected plants. The second phase of the research was to determine if iHP technology was a viable solution for prevention of those two spores in a commercial cannabis cultivation environment.

MEETING THE NEED

Through cooperation with a TOMI preferred partner, the prevention study spanned four months and initiated with the treatment of **grow rooms, hallways, and common areas** using the SteraMist SteraPak. SteraMist was administered to the **plant stocks**, also referred to as mother plants, and subsequently to new clones after a week. After four weeks, the same clones, now in their **teenage phase**, were subjected to another round of SteraMist treatment, followed by another round after another four weeks. When the plants had entered the **flowering stage**, they were treated with SteraMist twice - one spray one month into the flowering phase and another one month before the harvest. The plants were then collected, dried, cured, and forwarded to a third party for testing, **which they successfully passed for both powdery mildew and Aspergillus.** The other cultivation rooms, used as controls and not treated, failed the lab tests. Subsequently, the affected group was treated with SteraMist and retested, successfully passing the tests. The research demonstrates that SteraMist provides growers with an all-encompassing disinfectant, safeguarding grows to fulfill a long-standing need.

STERAMIST® iHP™ | ionized HYDROGEN PEROXIDE

SANITIZATION
Three log – 10^{-3}

→

DISINFECTION
Five log – 10^{-5}

→

STERILIZATION
Six log – 10^{-6}

Simple manual cleaning procedures are documented to leave behind 30%-60% of pathogens

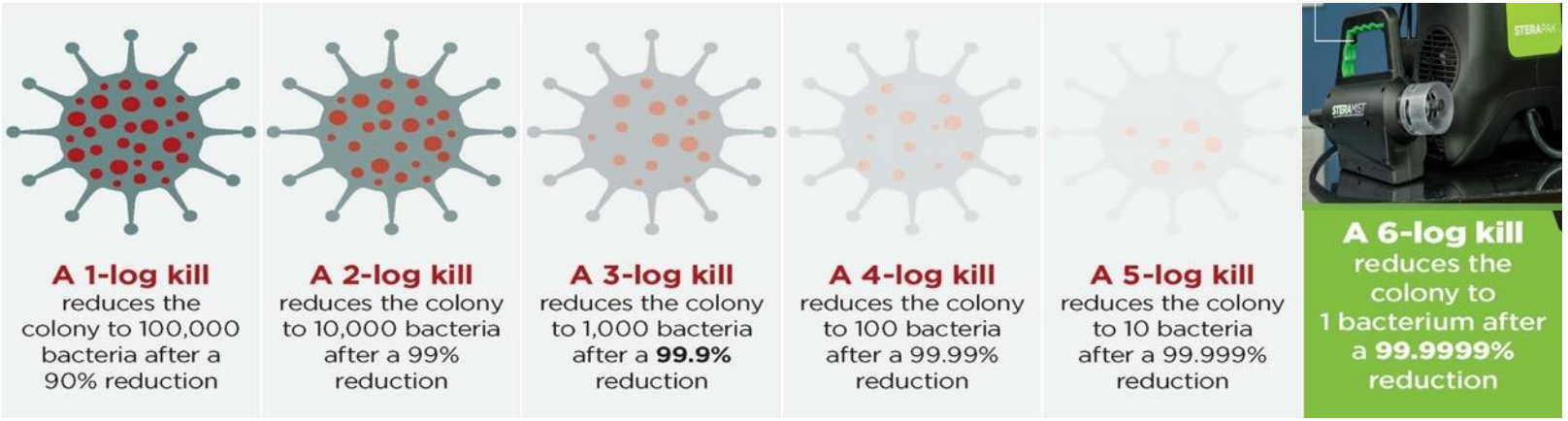
The SteraMist Surface is applied 5 sec per sq/ft with a **99.9999% six log kill**

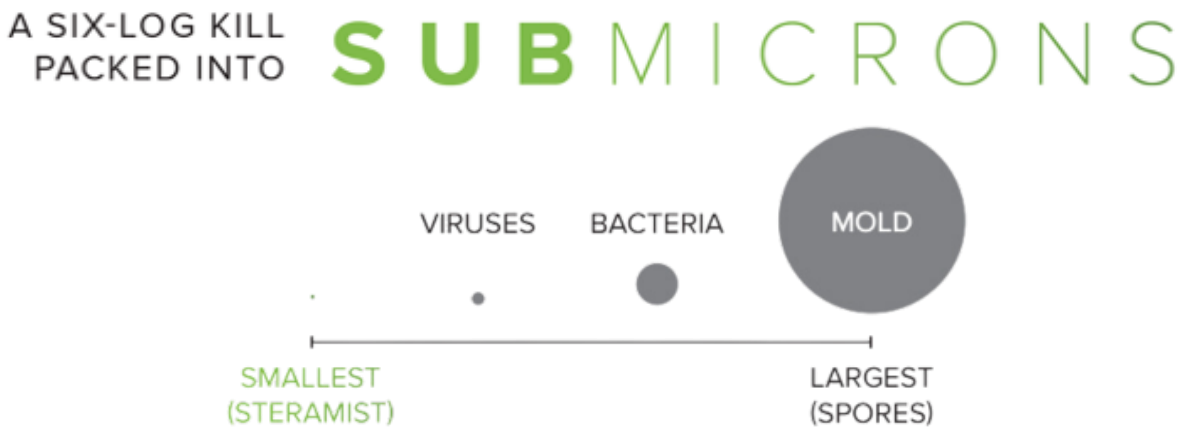
SteraMist BIT is **exclusive of toxic chemicals** that are highly corrosive and hazardous and contains no harmful silver ions

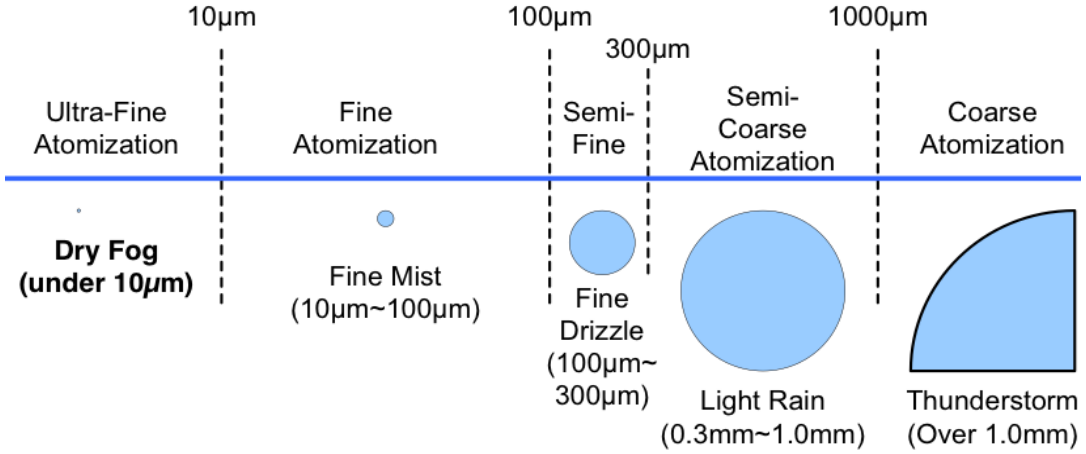
Other disinfectants 3-4 log reduction, majority of EPA registered disinfectant. **Requires dwell time from 5 to 30 minutes**

SteraMist 6-log reduction on hard to kill pathogens including the 'Gold standard for sterilization" *Geobacillus stearothermophilus* spores. **Kills within seconds** of application

Best used as a part of the final step of your cleaning protocol and applied to a dry surface







SteraMist BIT ionizes 7.8% H_2O_2 becoming a charged particle seeking equilibrium

Microns particle sizes allow SteraMist to totally encompass the size of a virus and bacteria, no matter where they hide. **80% of droplets < 5µm (Harvard School of Public Health)**

Competitors have an average wet droplet size of 40-120 **µm (**microns) **– tens of thousands times larger than iHP particles**. Even a droplet size of 5 microns is 1500x bigger than iHP's submicron (0.3) size

Cleanroom ISO: What is not allowed no more than 102,000 particles of size 0.3**µm** in an ISO Class 6 Cleanroom and not more than 10 particles of size 0.3**µm** in an ISO Class 2 Cleanroom

SteraMist is subjected to many material compatibility tests to ensure that your facility is treated as effectively as possible

SteraMist contains **no dyes, fragrances, chlorine, ammonium, bleach, or silver ions**

SteraMist has tested with extensive materials compatibility studies for 39 commonly used:

- Metals
- Fabrics
- Plastics
- Rubbers

Tests concluded that there was **no indication of material corrosion or surface degradation for all materials tested**.

SteraMist is a perfect approach to general decontamination in a wide variety of environments with **zero negative effects on surfaces**

Unique Selling Proposition

TOMI's Cold Plasma Science Elevates the Way a Six Log Kill is Achieved, It is Faster, Safer, Portable and less Caustic making SteraMist the perfect Decontaminate!

99.9999% 6-LOG EFFICACY

01 Six-log or Greater Kill

02 Rapid Kill (5-Sec)

03 Superior Material Compatibility

04 No Wipe or Mixing

05 No Residue

06 Submicron Particle Size

07 Broad Efficacy

09 Moves like a Gas

09 Cost Effective

10 Daily Use for Preventative Measures

Razor Razor Blade Model: A Non-Hazardous, No Residue Solution

- ✓ Non-hazardous to ship and store (sole active **7.8% hydrogen peroxide ingredient**)
- ✓ No toxic chemicals that are highly corrosive and hazardous
- ✓ No additives or stabilizers
- ✓ Intensive preparation is not required and if exposed, there are no harmful effects to the health of personnel, eyes and mucus membranes are to be protected
- ✓ SteraMist BIT leaves the environment with only oxygen and water (humidity) and no residues left on surfaces after a cycle (*studies available upon request*)
- ✓ Production Date is indicated on the bottle
- ✓ 2-year shelf life
- ✓ Certification of Analysis is available upon request.
- ✓ Low concentration hydrogen peroxide allows for rapid aeration

1 Gal (case of 4)
32 oz (case of 8)

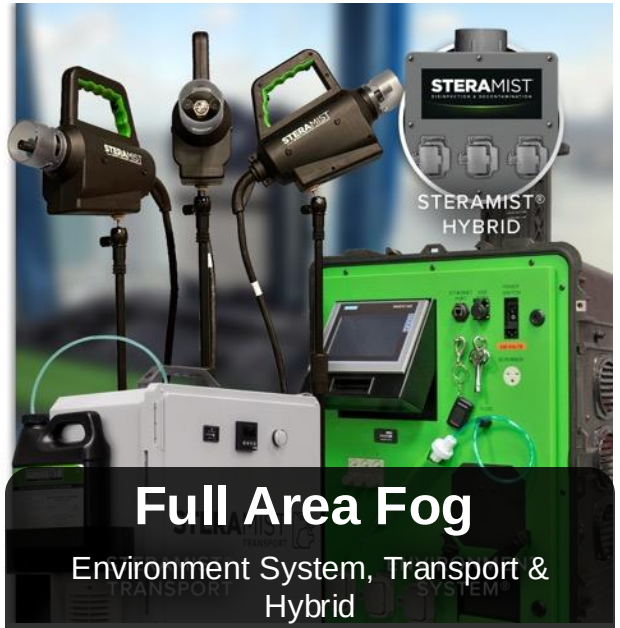
55 Gallon (case of 1)
5 Gallon (case of 2)
10 Liter (case of 1)

BINARY IONIZATION TECHNOLOGY® BIT™ SOLUTION

Surface

SteraPak & Surface Unit

A point-and-spray system for surface disinfection decontamination.



Full Area Fog

Environment System, Transport & Hybrid

The air and surface fogging application, scalable for any volume of space.

Integrated & Custom

SteraMist Integrated System & Custom Engineered System

Integrated SteraMist for direct use in enclosure decontamination or completely integrate into facility BMS.

The SteraMist Product Line Up, a unit for any facility in any industry

SteraPak

Transport

Surface Unit

NV+

Environment System

Hybrid

Integration

Custom

STERAMIST® iHP™ | ionized HYDROGEN PEROXIDE

Surface Application

Handheld point and full coverage spray

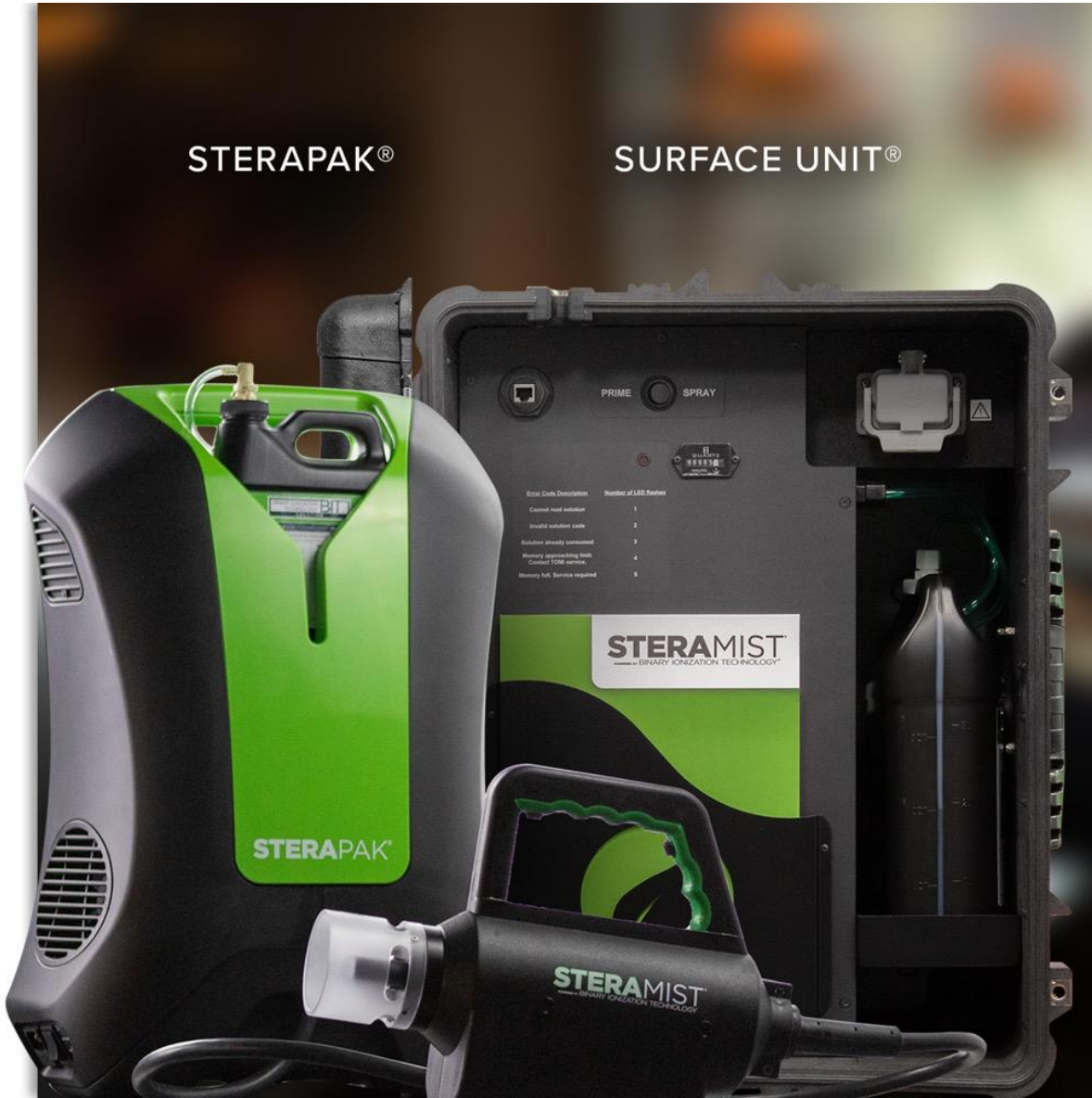
Apply to clean, dry surfaces.

Hold the applicator between 20”- 24” from the surface being treated

A five (5) seconds per square foot full coverage spray

One Gallon treats 4,000 square feet

HVAC may remain on in the space during treatment



STERAPAK

Cordless and battery powered
Operates with 32 oz. BIT Solution bottles
Perfect for smaller areas, lightweight disinfection
Available Immediately

STERAMIST SURFACE UNIT

All enclosed SteraMist System, removable applicator
Operates with 1 Gallon BIT Solution bottles
Larger continuous surface area coverage
Functionality with proven endurance
Available Immediately

STERAMIST TRANSPORT

- Operates with 1 Gallon BIT Solution bottles
- Remote start with timer and notification lights
- Onboard battery power or power outlet
- *Limited Supply*

The Transport system quickly delivers vehicle disinfection without long-term damage to critical surfaces (vinyl, plastic, aluminum, wood, steel)

	6-Log Reduction	360° Reach	Superior Compatibility	Harsh Additives
STERAMIST®	Yes	Yes	Yes	No
Aeroclave®	No	Yes	No	Yes
Ultraviolet	No	No	No	No

OPERATION:

Efficacy: Six-log Reduction & Greater
Particle Size: Submicrons - 3µm
Application Time: <20min/1,000ft.3

HARDWARE/SOFTWARE:

Voltage: Dual Voltage/Direct Current
Power Input: Power Outlet & Vehicle Battery
Power Supply: 27.5 Amps
Weight: 38 lbs.
Dimensions: 18x16x10”
SteraMist Applicators: 1 Standard
Security: Latches & Padlock Hasp
Material: Fiberglass-Reinforced Polyester
Solution: 32oz or 1 Gal.
Mounting Options: Secure Wall or Compartment Mounting
Compressor Module: In-Unit Air Included for Large Areas
Automation: Custom Runtime Presets

STERAMIST® NV+

For full GxP compliance, the NV+ features a mobile stainless-steel chassis, locking castor wheels, onboard BIT Solution storage, and recessed slam latches to ensure the compartment remains closed while on-the-go with a minimal profile.

As a single-point onsite fogger, the NV+ can be placed into an area and begin injection via a single mounted, extendable, 360-degree rotating applicator for optimal reach.

Features

- A side-mounted HMI screen calculates injection time, initiates fogging, and reveals system status
- Includes LED cycle alerts to assist in re-entry
- Multiple custom room profiles, automated start, and full audit reporting.
- *Made to Order*

iHP Area Fogging Application

Static air required; HVAC turned off, no other preparation required, no accessories needed.

Precise dosage based on volume of space, validated and repeatable.

25 mL per Minute Per Applicator.

15 mins dwell time for Geobacillus Stearothermophilus Spores, cycle development may end up requiring less time.

Does not rely on high H_2O_2 PPM levels, increases to 180PPM at best immediately after aeration begins, but quickly drops to ~70PPM, reentry at 1PPM.

Scalable and Versatile.

3,600 cubic feet in 45 mins per EPA label.

Most SteraMist fogging systems may be used in manual spray mode.

4x Faster than the competition

Custom Profiles: Customizable profiles store information for multiple enclosures, enabling users to move the unit between equipment, adjust settings, and easily swap applicators.

Data Export & Audit Readiness: Features automatic injection calculation and captured data export via USB in line with industry-standard recordkeeping practices.

The SteraMist Integrated System – Standalone (SIS-SA)

- SIS-SA delivers specialized environmental controls
- Features comprehensive, easy-to-use software with a 7” screen
- Programmable inputs and outputs
- Optimized for use with mounted 90-degree and handheld applicators (Applicator Sold Separately)
- Audiovisual Alerts: Features audio and visual alerts for every stage of enclosure decontamination to ensure a streamlined process, from spray to dwell to completion.
- User profiles and permissions are fully adjustable and provide usage history, cycle data, and audio/ visual cycle stage alarms.
- Treat fume hoods, biosafety cabinets, isolators, pass-through boxes, anaerobic chambers, and much more.

Available Immediately

The SteraMist Environment System

- Full room, multi-room fog, and handheld surface spray capabilities
- Split mode
- Operates with 1 Gallon BIT Solution bottles: 7,000 cubic feet
- Set up determined by need
- Custom injection based on user input with remote or manual activation
- Automated remote-controlled system
- User-friendly software that allows for simple data input, automatic injection calculation, and exporting electronic data capture via USB
- Programmable inputs and outputs

Available Immediately

The Hybrid

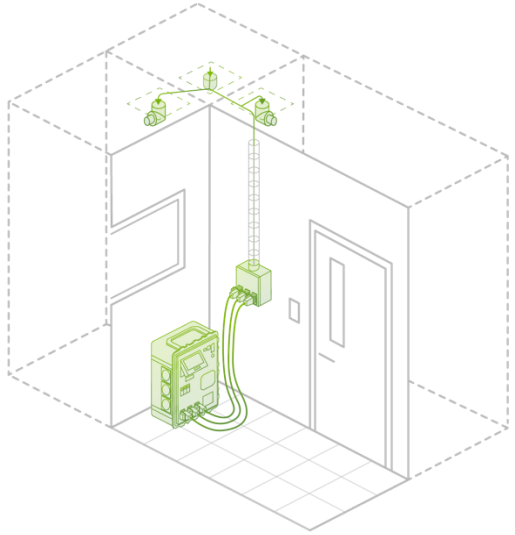
Install permanently mounted stainless steel applicators

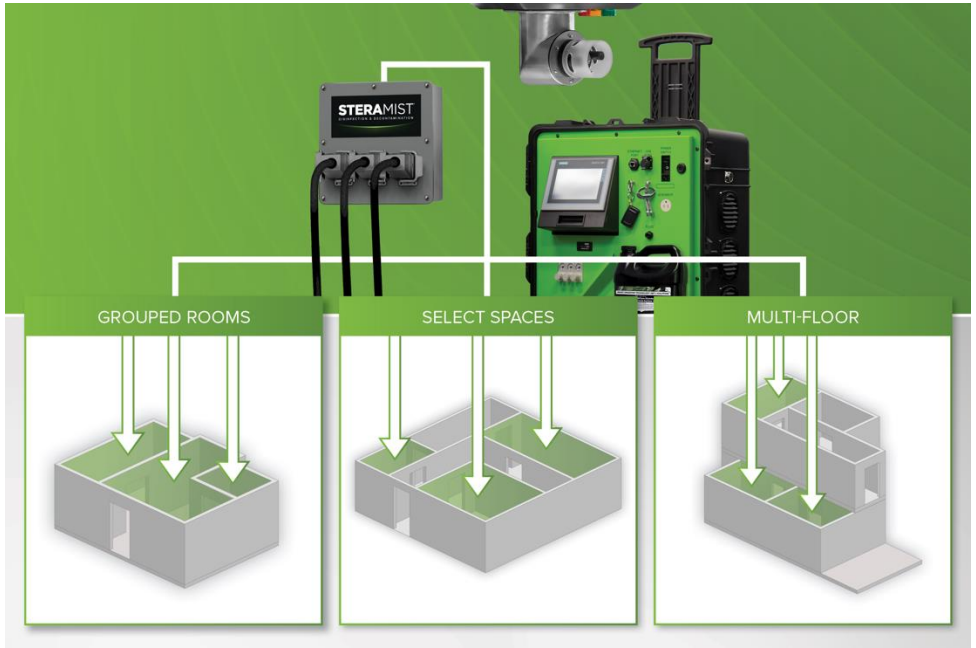
The applicators pass through the Hybrid connection hub which connects to the Environment System powering the system to automate SteraMist iHP decontamination

Compliant with cGMP, GMP, ISO standards

Designed with specific self-programming capabilities. It can support four (4) outputs and one (1) analog input, which is configured to receive signals from a Drager H_2O2 sensor.

Popular Outputs include:
1. Shutdown Air Supply and Exhaust
2. Aeration Mode with Increased Heat
3. Door Positions
4. Disable/Lock Doors
5. Status Lights
6. Fire Alarms Disabled





Custom Engineered System or CES

A fully-automated product, permanently installed SteraMist iHP system engineered and programmed to any building management system (BMS)

A wide range of modern communication modes, now utilizes interfaces like OPC UA, HLI, Modbus/TCP, Profinet, and yes, dry contacts

Remote start, HVAC utilization, downloadable data, security features, visual and audible alarms, and the system may be designed to be multi-room used, fully scalable, and more

CES systems generate PDF files that can be automatically sent to a preferred location via the intranet or directly printed on selected printers. These reports can also include valuable graphs, trends, and audit trails.

Completely tailored to specifications required by clients.

STERAMIST INTEGRATED SYSTEM

STERAMIST® iHP™ | ionized HYDROGEN PEROXIDE

SteraMist Integrated System or the SIS product line designed to provide automated high-level enclosure decontamination (Biosafety Cabinets (BSCs), Chambers & Hatches, Rack Washers, Cage Washers, Autoclaves, and Sterilizer) **using cutting edge iHP technology.**

SIS Standalone (SIS-SA)

Housed in a portable case that connects to the iHP SteraMist applicator and communicates with any enclosure via dry contacts. Can be disconnected and used to service other areas.

SIS Pharma (SIS-PHARM)

Manufactured in compliance of cGMP, GMP, ISO, provides audit reporting. Housed in a stainless-steel enclosure for permanent install and connects to the iHP SteraMist applicator.

SIS Manufacturing (SIS-MFG)

Shipped unassembled for integration by OEM who has the flexibility to mount and completely integrate iHP control panel components and applicator to an enclosure, so the generator is out of sight with no trailing houses.

iHP SteraMist Applicator Placement and Installation

Seamlessly incorporate the applicator to any enclosure.

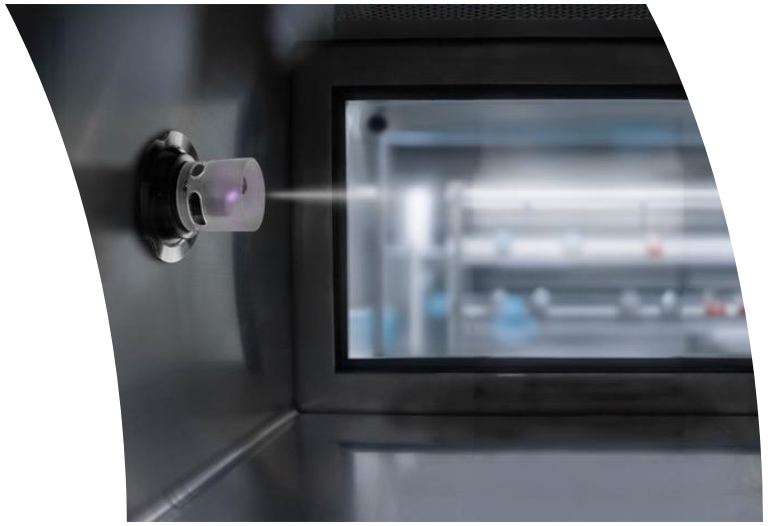
Permanently installed at the highest position possible of the enclosure allowing for proper dispersion of iHP mist. Spray over the top of material without interference.

Need at least 12 inches for spray cone, 16 inches is ideal.

Provided with a cap accessory should removal be required, perfect for dual device enclosures.

The cutout is 4.120 inches in diameter to accommodate for the application and mounting flange for the 90 degree. The standard applicator may be used.

Standard iHP SteraMist Applicator or a 90-degree 316 stainless steel Applicator is required with any delivery system.



SAMPLE STERILIZATION CYCLE
(EMPTY CHAMBER)*

Injection: 9ml Cycle (12ml/min.) x2
Total Injection Time (approx.): 1m30s
Dwell: >10 mins
Aeration: -20 mins.

STERABOX®

Choose the material, layout, and function of your custom enclosure.

Includes Air Sentry System for filtration/aeration.

May pull air in from the outside, may be constructed to fully comply with GMP, ISO standards.

Includes 2 carbon filters (neutralize exhaust) and one Hepa filter (avoids getting through the common space).

Exclusively designed to integrate SteraMist iHP systems (SIS-SA and ENV).

SIS Standalone (SIS-SA)

SIS-SA delivers specialized environmental controls via a suite of features that tailor iHP to your unique enclosures. Features comprehensive easy-to-use software with a 7” screen.

Optimized for use with mounted 90-degree and handheld applicators and able to treat fume hoods, biosafety cabinets, isolators, pass-through boxes, anaerobic chambers, and much more.

Custom Profiles
Data Export & Audit Readiness
Audiovisual Alerts

The decontamination of BSC market is a niche segment within the broader lab equipment market, with a market size estimated to be in the hundreds of millions of dollars and projected to grow at a steady rate, around 6-8% annually due to increasing research activities, heightened safety regulations, and expansion of the pharm and biotech industries.

TOMI offers room, equipment, full facility and emergency decontamination

Whole or Area Facility Decontamination

- Cleanrooms and Research Labs
- Production Environments
- Service and Technical Areas
- Material passthrough rooms
- Corridors and Thoroughfares
- Filling Lines

Equipment Decontamination

- Biological Safety Cabinets
- General Lab Equipment
- Isolators
- HEPA filters
- Vivarium Caging
- Decommissioned Equipment

The purchase of SteraMist iHP not only includes the investment of a superior disinfection decontamination technology, but a fully supported partnership with TOMI providing hands on personnel assistance throughout all cleaning and disinfection protocols and procedures, regardless of the industry.

1. INITIAL ASSESSMENT → 2. TRAINING → 3. IMPLEMENTATION → 4. ONGOING SUPPORT

- ✓ 24/7 Technical Support (maintenance, troubleshooting)
- ✓ 24/7 SteraMist Application Support (protocols, proper usage)
- ✓ Ongoing protocol consultations with a SteraMist Technician
- ✓ Ongoing communication with Customer Experience Representative
- ✓ One-year warranty with an option to extend

Please inquire about the many different equipment service packages available.

SteraMist Pro Certified or SPC

STERAMIST procertified

MAXIMIZE **POTENTIAL**: Operations are evaluated by SteraMist Pro Certified standards, providing a foundation of guaranteed quality to build on.

SET THE **STANDARD**: Make industry-standard practices of self-audits, risk assessments, and emergency planning work via incentives and accountability.

BUILD YOUR **CERTIFICATION**: Affiliate deals, expert-led programs, and proven protocols optimizes operations and goals.

A program designed to assist in the delivery of top-tier disinfection services, ensuring healthy and secure environments. Using advanced SteraMist iHP technology and providing eco-friendly, efficient infection control.

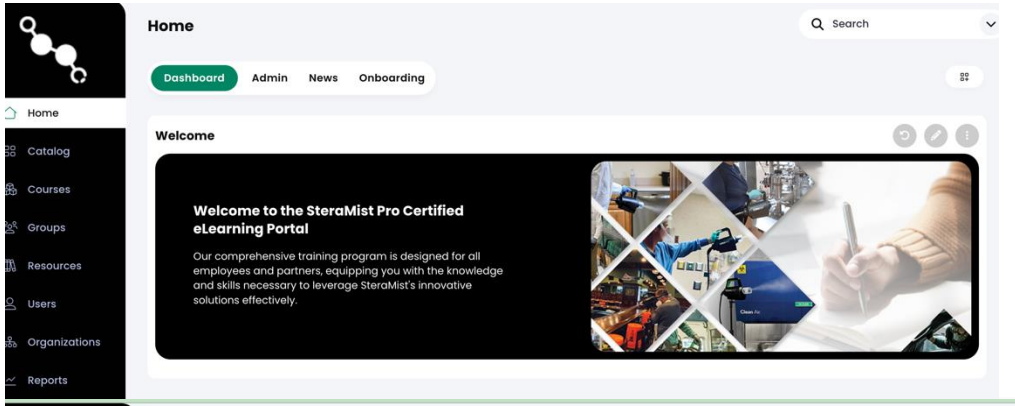
TOMI is committed to protect community health through integrity, innovation, and excellence.

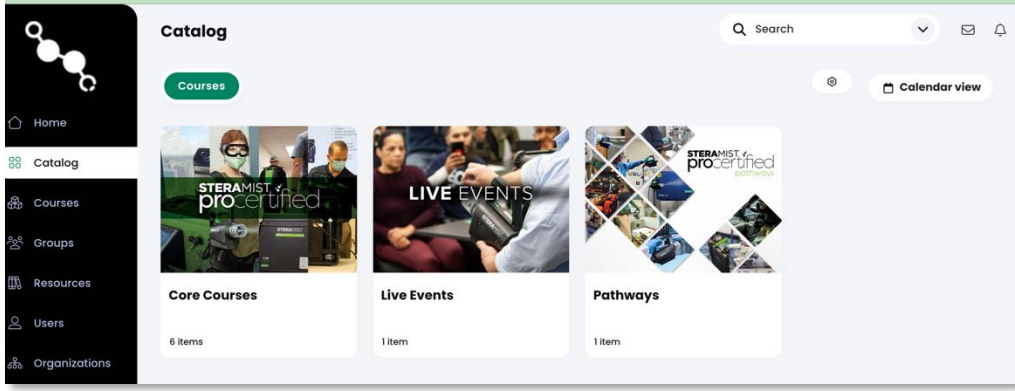
STERAMIST procertified

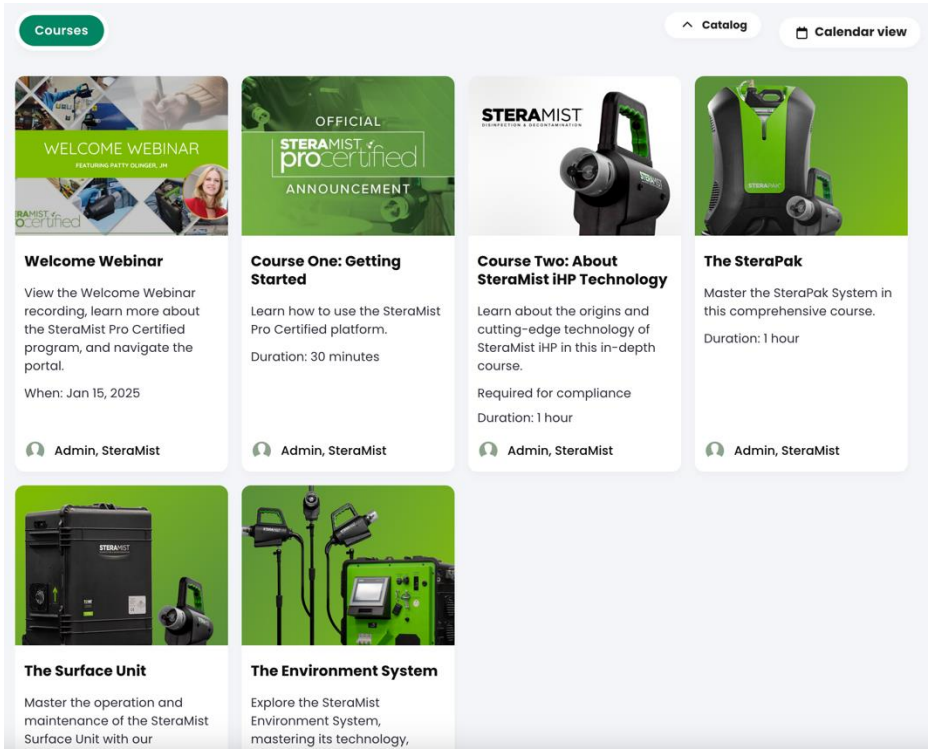
SteraMist Pro Certified (SPC) Program

In the second half of 2024, TOMI launched the SPC program. This program is open to all clients with an interest in expanding knowledge of SteraMist iHP and furthering education with subject matter experts.

A proactive approach to sanitization, disinfection, decontamination, and sterilization.







Core Courses (shown to the left) introduce iHP technology and host equipment courses. Live Events are webinars hosted by subject matter experts. Pathways are educational courses based on different industries.

Notable names that have joined the program include Merck and ServiceMaster, and international partners!

Global Service Provider Network

Strategic Locations and Growing: Positioned worldwide to serve diverse communities.
Core Service: Utilizing advanced SteraMist iHP technology, TOMI's provider network provides comprehensive disinfection for everyday community spaces, ensuring they remain contamination-free.

Focus and Services

Most providers are SPC, and all are encouraged to collaborate with SteraMist Certified Trainers to ensure effective and professional treatment.
Tailored disinfection solutions for local needs.
Rapid response during crises like outbreaks or natural disasters.
Routine disinfection to ensure ongoing cleanliness and health.

Join the Network the Now!

Opportunities available for new service providers.

Tried, True, and Trusted iHP Technology

Versatility in Application and in Support Service Packages to meet any need, budget and application.

Training Packages	IOQ/PQ Paperwork	Qualification Packages	100% Validation
Protocol Development	Purchased with Other Packages	Efficacy Assurance	Documentation for Audits
24/7 Support Team	Risk Management	Risk Mitigation	Operational Efficiency
One-Time Fee	Regulatory Compliance	Quality Control	Ensures Proper Execution
Included in Other Packages	Consistency and Reproducibility	Customer Confidence	Long-Term Cost Savings
Required with Purchase	**Budget Friendly Solution**	**Perfect for Fogging Devices**	**Comprehensive Package**

STERAMIST® iHP™ | ionized HYDROGEN PEROXIDE

STERAMIST X
POWERED BY iHP™ | ionized HYDROGEN PEROXIDE

STERAMIST.COM | 800.525.1698

AEROSPACE, MILITARY, & EXPLORATION

DEPLOY NEXT-GENERATION iHP™ DECONTAMINATION

BRING BIOSECURITY INTO A NEW FRONTIER WITH iHP™ TECHNOLOGY

When controlling environments that host spacecraft and drone assembly, compromise isn't an option. SteraMist® ionized Hydrogen Peroxide (iHP™) delivers a legacy of decontamination to a space-age frontier of travel, communications, and warfare.

PROTECT ADVANCED PROJECTS WITH STERAMIST® BIT™ SOLUTION

The *very first* solution and technology combination registered by the EPA (# 90150), SteraMist® replicates atmospheric science. Cold plasma-enhanced 7.8% hydrogen peroxide results in microbial reductions of 6-log and greater.

EXTENSIVELY DEPLOYED & MISSION CAPABLE

With decades of testing, development, and studies, SteraMist® has been deployed to address unique job sites globally.

DARPA

EPA REGISTERED

FLIGHT, DRONES, & AEROSPACE

iHP™ has been deployed successfully in a variety of both interior and exterior avionic environments, such as jet cabins, flight cockpits, and rotor-based aircraft, able to decontaminate sensitive navigational and comms equipment.

BIOLOGICAL/CHEMICAL WARFARE

SteraMist® demonstrates incredible efficacy against a growing list of agents, including ricin, weaponized *Bacillus Atrophaeus*, simulated diazinon, and 2-chloro-ethyl ethyl sulfide (CEES), adhering to HAZWOPER standards.

GLOBAL PANDEMIC RESPONSE

Created by a Defense Advanced Research Projects Agency (DARPA) grant to combat post-9/11 Amerithrax attacks, SteraMist® has since been successfully deployed against Ebola, MERS-CoV, COVID, and other outbreaks globally.

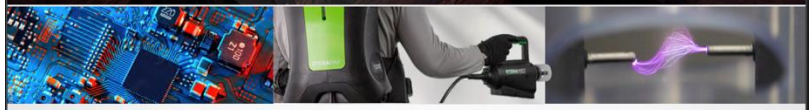
VOLATILE ENVIRONMENTS

From mobilized military response equipment and long-range missile casings to irradiated nuclear hot cells and law enforcement equipment, iHP™ technology has found success in a wide array of demanding environments.

FUTURE-PROOF: LIGHTYEARS AHEAD IN INNOVATION

As a single technology available in a variety of products and installations, SteraMist® maintains certifications and registrations with critical organizations without compromising efficacy in any industry, from Planetary Protection guidelines to modern Quality Management Systems (QMS).

SteraMist® may be applied via handheld surface application, automated fogging, or integration.



SUPERIOR COMPATIBILITY

With no toxins, discoloration, streaking, or corrosion, SteraMist® decontaminates common & specialized surfaces.

LIGHTNING SPEED

From dangerous microbes to spaceborne contaminants, eliminate threats with speeds up to *4x faster* than competitors.

DARPA-DEVELOPED

SteraMist® is an *original* U.S. military defense solution designed to combat biological warfare via decontamination.

ONE TECHNOLOGY. UNIVERSAL APPLICATIONS.

Available in a variety of portable or integrated products, SteraMist® uses *one* technology and scientific process. Whether deploying via mobile system or integrated into facility infrastructure and equipment, iHP™ technology is multipurpose and can be configured to meet the most demanding needs.

STERAMIST® CAN BE USED IN LIMITLESS ENVIRONMENTS, INCLUDING:

- Rocket Assembly & Manufacturing
- Drone Bays & Maintenance
- Data & Command Centers
- HAZMAT Areas & BSL 3-4 Labs
- Satellite Communication Equipment
- Spacesuit Don/Doff Barriers

SPACE TRAVEL MEETS ATMOSPHERIC SCIENCE

After 240 hours of fully submerging 33 metals & 6 non-metals commonly found in aerospace in BIT™ Solution, only a 0.1% weight reduction was observed.

TOMI™ ENVIRONMENTAL SOLUTIONS CERTIFICATIONS/ACCREDITATIONS			
ITAR Registered: M27110	ISO 9001:2015		21 CFR Part 210
SAM Registered/CAGE #6E9U1	DUNS: 809446599	NAICS: 333413	FAR/DFAR Complaint
AWS/ASME Welders	SIC: 2860		DIBBS Registered
CE (European Certification)	UL Listed		EN 17272
IFPS Certified (Hydraulic, Pneumatic, Connector, Fluid Power Engineer)			DIN: 02469448
FDA Registration: 3012117386 (Disinfection, Medical Devices)			EPA Registration: 90150-2