SUPERBUGS* REQUIRE
A SUPER SOLUTION

*SteraMist® Surface Unit
**SteraMist® Environment System

www.tomimist.com  l  800.525.1698
Binary Ionization Technology® (BIT™) and its SteraMist™ platform was developed in conjunction with the Defense Advanced Research Projects Agency (DARPA) and a large U.S. defense contractor, in response to Amerithrax (anthrax attacks) post 9/11/2001.

SteraMist™ Binary Ionization Technology® (BIT™)

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Binary Ionization Technology® (BIT™) is a patented two-step process that activates and ionizes a 7.8% hydrogen peroxide solution. The fine mist/fog is called Activated Ionized Hydrogen Peroxide (AIHP). AIHP contains a high concentration of Reactive Oxygen Species (ROS), consisting mostly of hydroxyl radicals, which damages pathogenic organisms through oxidation of proteins, carbohydrates, and lipids. This leads to cellular disruption and/or dysfunction and allows for disinfection/decontamination in targeted areas and large spaces.
Industries

HEALTHCARE
- HOSPITALS
- OUTPATIENT/AMBULATORY CENTERS
- DENTAL OPERATORIES
- EMERGENCY MEDICAL TRANSPORT

LABORATORIES
- BIOSAFETY & BIOMEDICAL
- TISSUE & BLOOD BANKS
- ANIMAL LABORATORIES
- LABORATORY EQUIPMENT

PHARMACEUTICALS
- PROCESSING
- MANUFACTURING
- COMPOUNDING
- LABORATORY EQUIPMENT

COMMERCIAL
- EDUCATION & CHILDCARE
- SENIOR LIVING
- ATHLETICS
- TRANSPORTATION
The SteraMist™ Surface Unit is a fully portable, hand-held, point and spray disinfection/decontamination system with an application of five seconds per square foot and a seven-minute contact time to disinfect. The SteraMist™ Surface disinfects hard non-porous high touch surfaces.

**Benefits**

- Lightweight, easy to transport, and capable of achieving reliable disinfection - mobile for rapid deployment throughout a facility
- Reduces labor costs
- Easily incorporated into current cleaning procedures and protocols
- Kills bacteria* and inactivates viruses** which may reduce the risk of potential exposure in treated space
- Kills pathogenic bacteria - Staphylococcus aureus (ATCC #6538), Pseudomonas aeruginosa (ATCC #15442), Methicillin Resistant Staphylococcus aureus (ATCC #33592)
- For use in mold and mildew control and remediation

**Feature HHA-101**

<table>
<thead>
<tr>
<th>Feature</th>
<th>HHA-101</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>120 V AC, 15A</td>
</tr>
<tr>
<td>Disinfection Technology</td>
<td>Activated Ionized Hydrogen Peroxide (AIHP)</td>
</tr>
<tr>
<td>Number of AIHP spray ports</td>
<td>1</td>
</tr>
<tr>
<td>Dimensions</td>
<td>0.64 m Length x 0.56 m Width x 0.38 m Depth (approx. 25” x 22” x 15”)</td>
</tr>
<tr>
<td>Weight</td>
<td>Approx. 22 kg (approx. 48 lbs.)</td>
</tr>
<tr>
<td>Particle Size</td>
<td>2-4 Microns</td>
</tr>
<tr>
<td>Broad Spectrum Kill</td>
<td>Yes</td>
</tr>
<tr>
<td>Safe for Sensitive Equipment</td>
<td>Yes</td>
</tr>
<tr>
<td>Flow Rate</td>
<td>50 ml per minute</td>
</tr>
<tr>
<td>Treatment Method</td>
<td>Direct Application onto Surfaces</td>
</tr>
<tr>
<td>Dose Application</td>
<td>1 ml per ft²</td>
</tr>
<tr>
<td>Application Time</td>
<td>5 seconds over a 1 ft² treatment area</td>
</tr>
<tr>
<td>Contact Time</td>
<td>7 minutes</td>
</tr>
<tr>
<td>Warranty (parts &amp; labor)</td>
<td>12 months</td>
</tr>
</tbody>
</table>

*Staphylococcus aureus (ATCC # 6538), Pseudomonas aeruginosa (ATCC # 15442), Methicillin Resistant Staphylococcus aureus (ATCC #33592)

**Influenza A (H1N1) virus**
**Description**

The SteraMist™ Environment System is transportable, remotely controlled, and provides complete room disinfection/decontamination using multiple treatment applicators per unit.

Effective whole complete room treatment in just over 75 minutes for a room (3,663.7 ft³/104 m³) including application time, contact time, and aeration time. Less time is typically needed for smaller size rooms.

**Benefits**

- Easy to transport and can be configured to treat multiple spaces simultaneously
- Low operating and maintenance costs
- Touchless application disinfecting solution
- SteraMist™ Environment System eliminates 99.9999% of Clostridium difficile spore (C. diff) (ATCC #43598)
- SteraMist™ Environment System is effective against the following bacteria: Staphylococcus aureus (ATCC #6538), Pseudomonas aeruginosa (ATCC #15442), and Clostridium difficile spores (C. diff) (ATCC #43598)

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<table>
<thead>
<tr>
<th>Feature</th>
<th>TPO-300</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>120 V AC, 15A</td>
</tr>
<tr>
<td>Disinfection Technology</td>
<td>Activated Ionized Hydrogen Peroxide (AIHP)</td>
</tr>
<tr>
<td>Number of AIHP spray ports</td>
<td>3</td>
</tr>
<tr>
<td>Dimensions</td>
<td>1.2 m Length x 0.61 m Width x 0.61 m Depth (approx. 47” x 24” x 24”)</td>
</tr>
<tr>
<td>Weight</td>
<td>Approx. 63.50 kg (approx. 140 lbs.)</td>
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<tr>
<td>Particle Size</td>
<td>2-4 Microns</td>
</tr>
<tr>
<td>Broad Spectrum Kill</td>
<td>Yes</td>
</tr>
<tr>
<td>Safe for Sensitive Equipment</td>
<td>Yes</td>
</tr>
<tr>
<td>Flow Rate</td>
<td>25 ml per minute per applicator</td>
</tr>
<tr>
<td>Treatment Method</td>
<td>Complete Room Disinfecting System</td>
</tr>
<tr>
<td>Dose Application</td>
<td>.5 ml per ft³</td>
</tr>
<tr>
<td>Application Rate/Time</td>
<td>Effective complete room treatment in just over 75 minutes for a room 3,663.7 ft³/104 m³ including application time, contact time, and aeration time. Less time is typically needed for smaller size rooms. Room is safe to enter once hydrogen peroxide is below 0.2 ppm.</td>
</tr>
<tr>
<td>Contact Time</td>
<td></td>
</tr>
<tr>
<td>Aeration Time</td>
<td></td>
</tr>
<tr>
<td>Warranty (parts &amp; labor)</td>
<td>12 months</td>
</tr>
</tbody>
</table>
Efficacy Data

A powerful technology in eliminating the spread of bacteria*, SteraMist™ BIT™ requires no wipe, no rinse, leaves no residues. The first EPA Registered Solution+Equipment combination that provides the unique technology of hydrogen peroxide ionization for Healthcare–Hospital disinfecting.

Effective Broad-Spectrum Surface Disinfectant

SteraMist™ Surface Unit* and SteraMist™ Environment System†:

• Kills 99.9999% of *Clostridium difficile spore* (C. diff) (ATCC #43598)
• Kills *Pseudomonas aeruginosa* (ATCC #15442)
• Kills *Staphylococcus aureus* (ATCC #6538)
• Disinfects treated surfaces, which may contain the multi drug resistant organism *Methicillin Resistant Staphylococcus aureus* (MRSA) (ATCC #33592)
• Inactivates **viral** cells

SteraMist™ BIT™ disinfects hard to reach, hard non-porous surfaces, and goes above, beyond, under, and around disinfecting sprays and wipes

• Reduces risk of cross contamination between treated surfaces associated with wipes
• Bleach, Chlorine, Formaldehyde, Glutaraldehyde, Titanium dioxide, Peracetic acid free disinfecting formula
• Silver ion free disinfecting formula
• Patented Activated Ionized Hydrogen Peroxide (AIHP) Technology
• Non vaporized application
• Application works like a gas
• Fully validated to comply with GMP (Good Manufacturing Practice) Standards
• Product performance is supported by GLP efficacy data

*SteraMist™ Surface Unit disinfects Staphylococcus aureus (ATCC # 6538), Pseudomonas aeruginosa (ATCC # 15442), Methicillin Resistant Staphylococcus aureus (MRSA) (ATCC #33592)

†BINARY IONIZATION TECHNOLOGY® (BIT™) SOLUTION

**Efficacy Data**

SteraMist™ BIT™ disinfects Staphylococcus aureus (ATCC # 6538), Pseudomonas aeruginosa (ATCC # 15442), and Clostridium difficile spores (C. diff) (ATCC #43598)
About TOMI™ Service Network (TSN)

The TOMI™ Service Network (TSN) is comprised of rapid response technicians that provide innovative solutions for complete room disinfection utilizing SteraMist™ BIT™ in a wide variety of residential & commercial industries. By adding SteraMist™ BIT™ to their toolbox, TSN Primary Service Providers offer disinfection services as regular infection prevention maintenance, after renovations and repairs, and disaster clean-ups. This nationwide network also directly meets the varied service needs for outpatient/ambulatory clinics, educational facilities, municipalities, athletic clubs, senior living facilities, child care centers, multi-unit buildings, and more.

“Due to the simple nature and mobility of the device, the SteraMist™ system disinfects at a very competitive price point when compared with the other technologies. It leaves no residuals. This is fantastic for those clients with chemical sensitivities. In addition, we are experimenting with its use for rapid deodorization. This can help when trauma cleanup and restoration companies have a difficult time with conventional methods.”

Thomas Licker, CEICR, Infection Control Technologies (A Division of Insurance Restoration Specialists, Inc.), Monroe Twp., New Jersey

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