

HyperDRYMist®



Delivering Effective & Safe
Automated Room Disinfection. **At Speed.**

Welcome

HyperDRYMist® technology by Swiss-based company 99Technologies is a highly efficacious and versatile automated room disinfection system, combining rapid, high-level disinfection with low amounts of patented disinfectant solution.

Its ability to disperse an ultra-fine dry mist thanks to its innovative technology, makes it the ideal choice for any facility looking for high efficacy, compatibility, increased safety with low environmental impact.

A Layered Approach to Infection Prevention

No single approach can fully eliminate the risk of healthcare-associated infections (HAIs). That's why healthcare facilities need multiple layers of defence to combat infection. Together with our surface cleaning and disinfection solutions, the incorporation of HyperDRYMist® technology within our portfolio is another clinically proven solution that reduces HAIs, their associated costs and helps save lives.



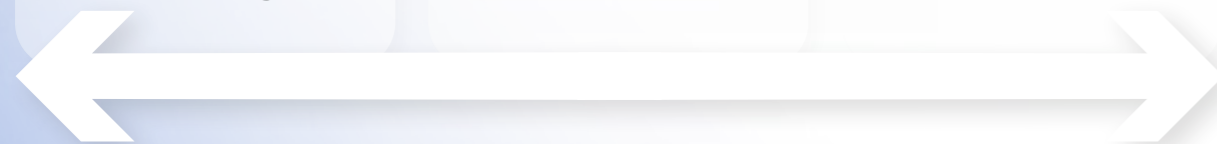
Surface Cleaning



Automated Room Disinfection



Targeted Disinfection



Introducing HyperDRYMist®

HyperDRYMist® by 99Technologies has been developed to address the limitations with current hydrogen peroxide automated room disinfection systems around efficacy, efficiency, compatibility, and safety.

Its patented non-toxic disinfectant solution, containing low level hydrogen peroxide (6.6%) and carefully selected co-formulants strike the perfect balance in boosting its biocidal activity and overall stability.

The portable micro-nebulizer converts the solution into an ultra-fine dry mist (95% particles < 1µm), resulting in complete and homogenous coverage, delivering exceptional material compatibility, safely.

	HyperDRYMist®	Hydrogen Peroxide Vapor (HPV)	Aerosolized Hydrogen Peroxide (AHP)
Efficacy	●	●	●
Efficiency	●	●	●
Safety	●	●	●
Material Compatibility	●	●	●
Ease of Use	●	●	●
Disinfection Cycle Time	●*	●	●
Affordability	●	●	●

* Total treatment turnaround from as little as 40 minutes

The Range

Surface Cleaning: *All surfaces must be cleaned prior to any automated room disinfection treatment commencing*



Products	Classification
• Sani-Cloth® Chlor	• Medical Device Class IIa
• Super-Sani® Cloth	• Medical Device Class IIa
• Sani-Cloth® AF	• Medical Device Class IIa
• Sani-Cloth® Detergent	• Consumable

Automated Room Disinfection: *Micro-nebulizer & disinfectant solutions to be used together*



Products	Classification
• 99MB Micro-Nebulizer	• Low Voltage Equipment • Medical Device Class I
• 99S Disinfectant Solution	• Medical Device Class IIa

Targeted Disinfection: *Daily disinfectant solutions for fast paced environments and non-invasive medical devices*



Products	Classification
• Sani-Cloth® Chlor	• Medical Device Class IIa
• Super-Sani® Cloth	• Medical Device Class IIa
• Sani-Cloth® AF	• Medical Device Class IIa

The HyperDRYMist® System



Why Choose HyperDRYMist®



HCAI Prevention

Clinically proven to be effective against spores, fungi, bacteria, viruses and mycobacteria.



Rapid Room Turnaround

No room sealing, smoke alarm and fire sensor deactivation required with treatment cycles available as short as 40 minutes.



Improved Healthcare Economics

Affordable technology with low operational, training and maintenance costs.



Healthcare Professional Satisfaction

Easy to use, lightweight and highly portable delivering non-toxic dry mist dispersion.



Low Environmental Impact

Low dosage of non-toxic disinfectant solution used to achieve maximum efficacy.

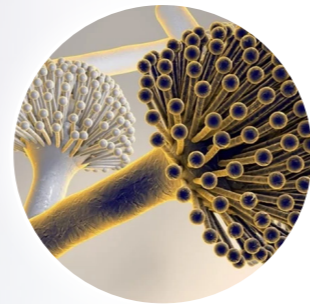
Contact us for a free of charge demonstration in your facility

Efficacy with HyperDRYMist®

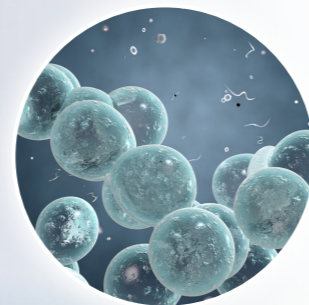
99S disinfectant solution has been tested against the following EN standards and norms:
 EN 1040, EN 1276, EN 13697, EN 1275, EN 1650, EN 13704, EN 14476, EN 13623, EN14348, EN 13727, EN 13624, EN 16777, EN 17126 and Afnor NF T72-281, eradicating a broad spectrum of microorganisms:



Clostridium Difficile



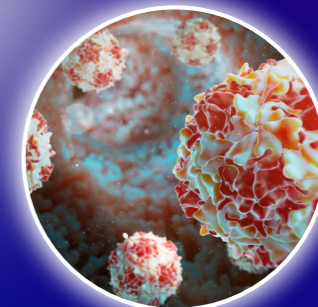
Aspergillus Niger



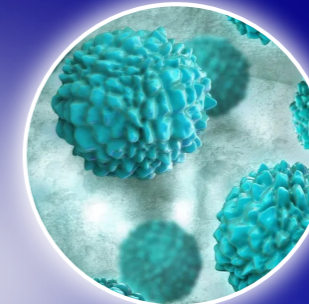
Candida Albicans



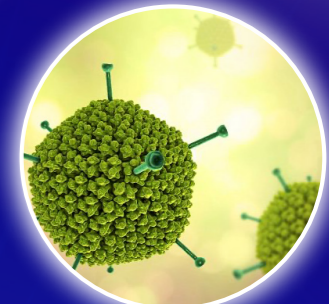
E.Coli



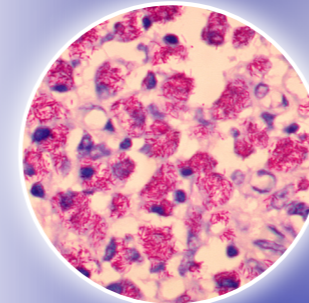
Poliovirus



Norovirus



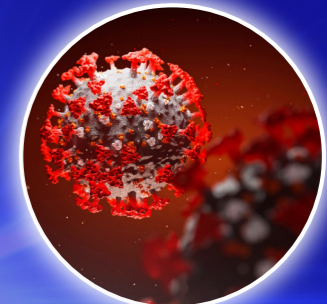
Adenovirus



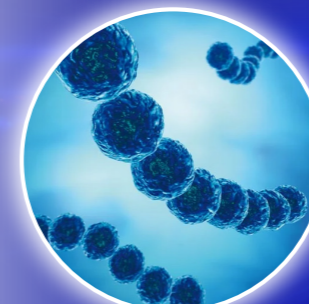
Mycobacterium Avium & Terraе



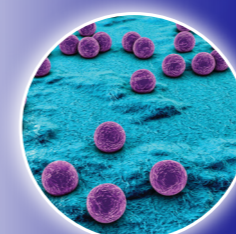
VRE



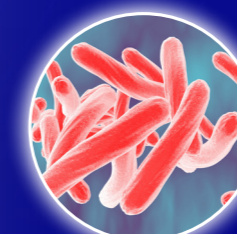
Coronavirus



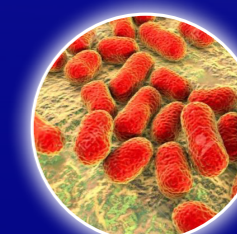
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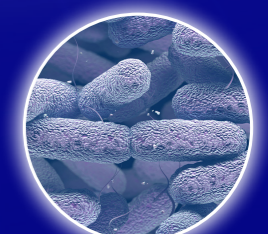
Staphylococcus aureus



Mycobacterium Tuberculosis



Acinetobacter baumannii



Klebsiella pneumoniae

99S disinfectant solution is also effective against catalase producing pathogens, more resistant to hydrogen peroxide:

Clinically Proven

HyperDRYMist® is trusted by healthcare facilities across the globe that seek an automated disinfection solution proven to be clinically effective in the prevention and reduction of hospital acquired infections (HCAIs).



Reduction in clostridium difficile infection associated with the introduction of a hydrogen peroxide and silver cations disinfection system.

ICPIC 2017



Disinfecting non-critical medical equipment – effectiveness of hydrogen peroxide dry mist as an adjunctive method.

American Journal of Infection Control 48 (2020) 897-902



First time usage of aerial disinfection with hydrogen peroxide to eradicate Acinetobacter baumannii endemic epidemic in the intensive care unit.

ECCMID 2016



Efficacy in ambulances of HyperDRYMist® micro-nebulized hydrogen peroxide solution in reducing bacterial contamination.

ECCMID 2015

More than 20 studies, articles and poster presentations have been published to prove the effectiveness of HyperDRYMist®.

AJIC
American Journal of Infection Control

ECCMID



How HyperDRYMist® Works

Step 1:



Room preparation

Clean* the space following local IPC protocols. Close windows & turn off AC units.

Step 2:



Program Set-up

Input the size of the area to be treated based on treatment type. Vacate area and close all doors.

Step 3:



Nebulization

Disinfection solution is nebulized throughout the environment.

Step 4:



Dwell

The solution will dwell on every exposed surface to eradicate pathogens.

Step 5:



Aeration

Access the room with personal protective equipment to ventilate the area.

Step 6:



Completion

Once the aeration time is complete, the room can be reused and a treatment report may be downloaded for compliance.



*Our market leading Sani-Cloth® range of surface cleaning and disinfectant wipes can support step 1.

Servicing

Servicing the 99MB is easy to carry out, saving a healthcare facility time and money.



Regular Maintenance

Carried out by personnel from the facility

- Regular cleaning
- Fuse changes
- Replace air filter (every 250 hours)

Full Service

Carried out by authorized personnel

- Engine replacement (every 900 hours)

Self-cleaning of the aspiration duct and the nozzle's outlet is performed every time nebulization occurs, ensuring optimal performance at all times.



HyperDRYMist® Specification



Technical Information	
Formulation	Hydrogen Peroxide (6.5%-7.5%) and co-formulants.
Atomised droplet size	95% particles <1µm
Fluid storage capacity	Bottle capacity: 1 L
Maximum treatment volume	1000m ³
Dimensions	56cm H x 25cm W x 42cm D
Weight	10.5 kg (empty) - 11.5 Kg (full)
Distribution flow	1000 ml/1h
Operational temperature range	5-40°C
Storage temperature range	0-40°C
Operational humidity range	20% - 80%
Report software interface	USB 2.0 - 3.0 compatible
Power consumption	1000W
Power supply	230V~ 50/60 Hz
Warranty	12-month for device



Find out more:

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