

H•MIST02

POWERED BY HYDROXYSYSTEM™



HYDROXYSYSTEM™

on the
GO

PORTABLE
DISINFECTANT



1-TOUCH
SENSOR



ECO-FRIENDLY



ECONOMICAL

EXPERIENCE THE POWER & BEYOND

SCIENCE • TECHNOLOGY • PERFORMANCE • CONVENIENCE

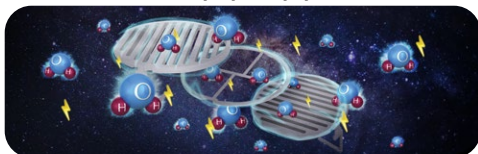
Complete Disinfection Control Anytime, Anywhere

novita
AIR • WATER • BODY

INNOVATION THROUGH SCIENCE & TECHNOLOGY

Compacting the conventional ionization process into an advanced portable system that offers a superior hydroxyl ion disinfection performance. Be assured of complete disinfection control anytime & anywhere, even when you are on the go!

Powered by HydroxySystem™



Water molecules between the discharge gap of the semi-permanent dual platinum electrode plates are applied with an electric current that instantly dissociates the water into hydroxyl ions (OH⁻). A powerful disinfecting agent, hydroxyl ions eliminate more than 99.99% of surface-bound germs in contact by breaking down its cell membrane and protein coat within just 30 seconds.

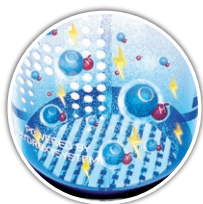
Smart Intelligence Processor



Equipped with a smart intelligence processor that delivers an optimized ionization process and produces a precise electrical flow voltage to the semi-permanent dual platinum electrode plates. Designed with a 1-touch sensor, tap it once to activate a 30 seconds HydroxySystem™ and the disinfecting properties from each activation can last up to 2 hours.

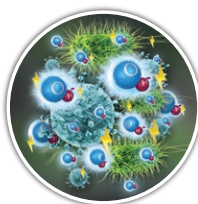
How novita HydroxySystem™ Works?

STEP 1



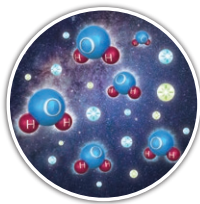
Adopting a HydroxySystem™, water instantly undergoes an electrolysis process to form Hydroxyl Ions (OH⁻) which is also the active components for eliminating surface-bound germs.

STEP 2

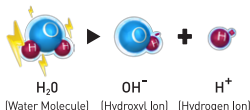


Being highly reactive, the Hydroxyl Ion (OH⁻) attaches on the surface of germs and extract a Hydrogen Ion (H⁺) from their protein coat and cell membrane.

STEP 3



With the damaged protein coat and cell membrane, germs are hence eliminated. Water vapor (H₂O) is then formed and dispersed back into the air as a result of the combination of extracted Hydrogen Ion (H⁺) and Hydroxyl Ions (OH⁻).


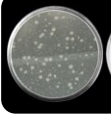


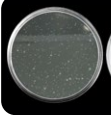


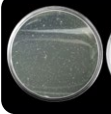


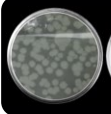


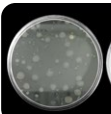


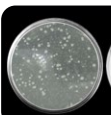








FAST & EFFECTIVE

H-Mist02 disinfects and eliminates pathogenic surface-bound germs instantly with a remarkable performance of more 99.99% elimination in just 30 seconds of exposure!

SURFACE DISINFECTION EFFICIENCY

TEST STRAIN	DESCRIPTION	SYMPTOMS	H-MIST02 EFFICIENCY
E.COLI 	Commonly transmitted through consumption of contaminated foods such as raw or undercooked meat, raw milk, contaminated raw vegetables and sprouts.	<ul style="list-style-type: none">• Severe Stomach Cramps• Abdominal Cramps• Diarrhoea• Fever• Vomiting	  Inoculum Result ≥ 99.99% elimination within 30 secs
SALMONELLA TYPHIMURIUM 	Transmitted through consumption of contaminated food. Person-to-person transmission can also occur through the faecal-oral route.	<ul style="list-style-type: none">• Abdominal Cramps• Diarrhoea• Excessive Watery Stool• Fever• Vomiting	  Inoculum Result ≥ 99.99% elimination within 30 secs
MRSA 	Transmitted through direct contact or from contaminated objects. More commonly, it spreads through contact with someone who has MRSA.	<ul style="list-style-type: none">• Most often causes skin infections• Red swollen sores that can be full of pus or other drainage• Fever	  Inoculum Result ≥ 99.99% elimination within 30 secs
PSEUDOMONAS AERUGINOSA 	Commonly transmitted in poor hygiene conditions or through contact with contaminated surfaces/objects.	<ul style="list-style-type: none">• Fever and Chills• Body Aches• Light-Headedness• Rapid Pulse and Breathing• Nausea & Vomiting• Diarrhoea• Decreased Urination	  Inoculum Result ≥ 99.99% elimination within 30 secs
BACILLUS SUBTILIS 	Commonly found in soil and vegetation. It can also be found in the human body, mostly on the skin or in the intestinal tract.	<ul style="list-style-type: none">• Food Poisoning• Abdominal Pain• Acute and Severe Diarrhoea• Loss of Appetite• Vomiting	  Inoculum Result ≥ 99.99% elimination within 30 secs
STAPHYLOCOCCUS AUREUS 	Infects through airborne transmission from an infected person or direct contact transmission with contaminated objects.	<ul style="list-style-type: none">• Minor skin infections• May lead to lung infections or pneumonia• Meningitis• Bone Infections• Heart Infections	  Inoculum Result ≥ 99.99% elimination within 30 secs
CANDIDA ALBICANS 	Transmitted through contact with excretions of mouth, skin, and faeces from carriers. It could also be transmitted from mother to infant through childbirth.	<ul style="list-style-type: none">• Thrush• Fevers• Chills• Fatigue• Muscles Aches• Abdominal Pains	  Inoculum Result ≥ 99.99% elimination within 30 secs



100% PROVEN SAFE

Only requires regular tap water/mineral water which does not cause any harm to the human body or the environment.



“ 100% SAFE FOR YOU AND YOUR LOVED ONES ”



Ocular Irritation

No significant irritation to the eyes.
100% safe on eyes.



Skin Irritation

No dermal irritancy was observed.
100% safe on skin.



Drinkability

All the water parameter falls within guideline.
100% safe for consumption.



Genetic Toxicity

No genotoxicity was observed.



Mist Droplet Size

The droplet size is measured to be 0.005583 micrometre.



Non-Toxic Chemical

Does not induce chromosome abnormality.



Deodorization

99.6% deodorization efficiency in 120 seconds.

SINGAPORE
ACCREDITED
LABORATORY

KCL 한국전생태환경시험연구원
Korea Contaminant Laboratories

KIFA

KSI
한국기초과학지원연구원
Korea Basic Science Institute

All tests are conducted by Singapore and Korea Accredited Laboratory and institute, in specific condition for testing analysis and measurement purposes. Actual results may vary due to environmental and usage condition.



PORTABLE & CONVENIENT

Conveniently portable, simply insert
3x AAA batteries for a complete disinfection
control even when you are on the go!

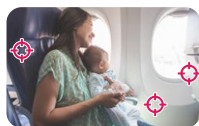


Offices

- Lift Button
- Handshake
- Working Desk
- Escalator Handle
- Shared Stationery
- Keyboard & Mouse
- Computer & Laptops
- Telephone & Tablets
- Thumbprint Scanner
- Vending Machine Buttons

APPLICATION AND USAGE

Aircrafts



- Tray Table
- Seat Pockets
- Seat Belt Buckle
- Touchscreen Entertainment System
- In-flight Magazines
- Plastic Window Shade
- Toilet Handles & Fixtures
- Rubber Arm Rest

Childcare Centres



- Desks & Chairs
- Shared Toys & Books
- Toilet Doors & Handles
- Exercising Equipment

Clinics / Hospitals



- Hand Rails
- Lift Buttons
- Hand Sanitizer Pump Nozzle
- The Call Button
- Shared Stationery
- Door Knob/Handles

Home



- Shoes Racks
- Toothbrush
- Faucet Handles & Sink
- Toilet Bowl Cover/Seat
- Bathroom Light Switches
- Refrigerator Handles
- Cutting Boards
- Kitchen Sink & Countertops

Hotels



- Switches
- Telephone
- Remote Control
- Room Cards
- Toilet Bowl Seat
- Door Handle/Knob
- Bathroom Sink

Public Toilets / Nursing Rooms



- Toilet Bowl Seat
- Door Handle/Knob
- Soap Dispenser
- Faucet Handles
- Baby Changing Station

Public Transport



- Handrails
- Holding Poles
- Door Handles
- Window Sills

Restaurants / Food Centers



- Menus
- Table Top
- Food Tray
- Eating Utensils

DO YOU KNOW?

People often use wet wipes, hand sanitizers, bleach or alcohol-based products to get rid of germs. Not as environmentally-friendly, these items also often contain antimicrobial agents such as quaternary ammonium compounds and are commonly known to trigger asthma, allergies and other health concerns. And, some of these items contain alcohol as a primary component which can be drying and harsh for your skin.

“ ”

**BE IN CONTROL AND ELIMINATE
THE CHAIN OF POSSIBLE INFECTIONS
AROUND YOU & YOUR LOVED ONES**



LEARN MORE AT NOVITA.COM.SG/H-MIST02



**FAST &
EFFECTIVE**



**100%
PROVEN SAFE**



**PORTABLE &
CONVENIENT**

TECHNICAL SPECIFICATIONS

Dimension (W x D x H) : 30 mm x 30 mm x 160 mm

Weight : 84 g

Volume Capacity : 30 ml

Power Supply : DC 4.5 V (3 x 1.5 V AAA Battery)



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