

THE iHP[™] PROCESS (ionized Hydrogen Peroxide)

Understanding the Power Behind SteraMist[®] Disinfection Technology

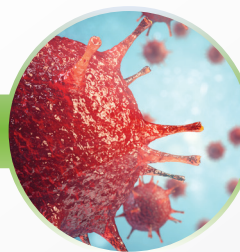
The **ionized Hydrogen Peroxide (iHP[™])** process is a patented two-step process that activates and ionizes Binary Ionization Technology (BIT[™]), an EPA-registered solution of 7.8% hydrogen peroxide (H₂O₂) solution into iHP[™], a fine mist capable of eliminating all contamination challenges within critical environments faster than any competitors on the market and without the production of byproducts.



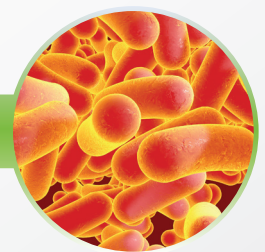
7.8% hydrogen peroxide BIT[™] Solution converts to iHP[™] after passing through a cold plasma arc.



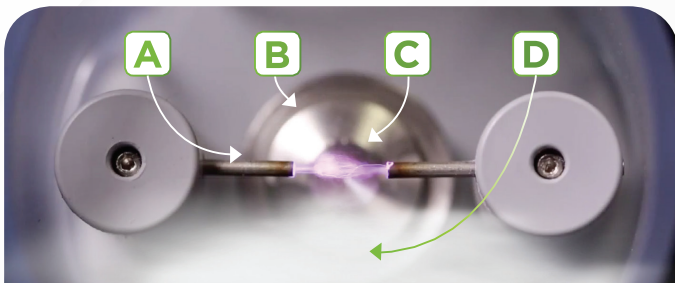
iHP[™] is carried throughout the mist, moving like a gas throughout the treated area.



iHP[™] damages pathogenic organisms through oxidation of proteins, carbohydrates, and lipids.



Cellular disruptions and/or dysfunctions occur and allows for disinfection/decontamination in the targeted area.



- A. Electrodes
- B. Nozzle
- C. Atmospheric Cold Plasma Arc
- D. ionized Hydrogen Peroxide (iHP[™])

Atmospheric Chemistry

BROUGHT INDOORS

The atmospheric cold plasma arc converts the H₂O₂ molecules into iHP[™]. As one of the most powerful oxidizing agents in nature, the iHP[™] kills the pathogens achieving high efficacy and leaves behind only oxygen and humidity in treated spaces.

SEE THE SCIENCE OF **STERAMIST**[®]
DISINFECTION IN ACTION TODAY

TOMIMIST.COM
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