

THE iHP™ PROCESS (ionized Hydrogen Peroxide)

Understanding the Power Behind SteraMist® Disinfection Technology

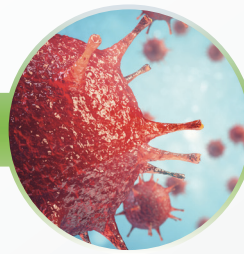
The **ionized Hydrogen Peroxide (iHP™)** process is a patented two-step process that activates and ionizes Binary Ionization Technology (BIT™), an EPA-registered solution of 7.8% hydrogen peroxide (H_2O_2) solution into iHP™, a fine mist capable of eliminating all contamination challenges within critical environments faster than any competitors on the market and without the production of byproducts.



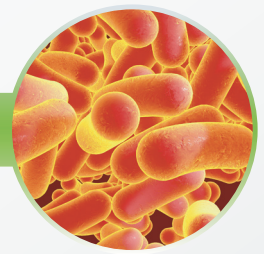
7.8% hydrogen peroxide BIT™ Solution converts to iHP™ after passing through a cold plasma arc.



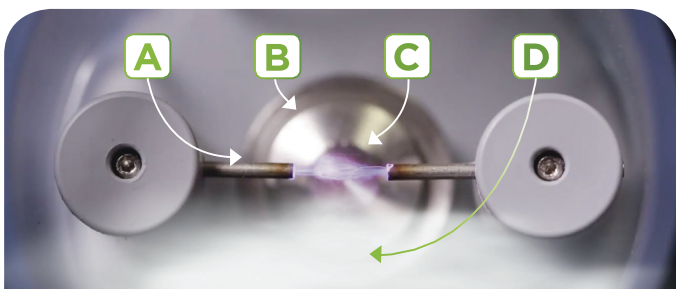
iHP™ is carried throughout the mist, moving like a gas throughout the treated area.



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 H_2O_2 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.

CONTACT US TODAY TO LEARN MORE OR
SCHEDULE A **STERAMIST®** TREATMENT



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