

PuriCore

Pure Science. Pure Life.

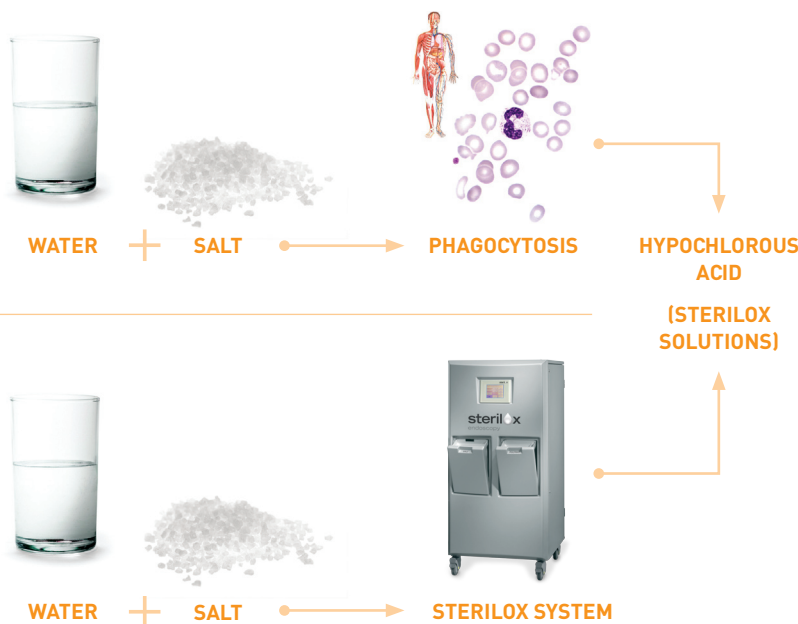
Corporate Overview



Pure Science.

Technology

Mimicking the Human Body



KILLS PATHOGENS

Effective Against

HIV-1 virus
Escherichia coli 0157
Avian influenza virus
MRSA
Mycobacterium tuberculosis
Hepatitis A
Poliovirus type
Norovirus
Candida albicans
Clostridium difficile
Helicobacter pylori
Legionella pneumophila
Acinetobacter baumannii
VRE
Mycobacterium avium-intracellulare
Pseudomonas aeruginosa
Bacillus subtilis
Bacteriophage MS2
Aspergillus niger

Nature's Antimicrobial Solution

To fight infection, the human body produces a highly effective antimicrobial solution—hypochlorous acid. In the body, this natural oxidant is released to fight invading pathogens. Hypochlorous acid reacts readily with a variety of microbial sub-cellular compounds, interferes with metabolic processes, and kills individual bacterium exposed within milliseconds, all without contributing to antibiotic resistance.

Hypochlorous acid is proven to be safe, environmentally friendly, and fast acting against a broad range of resistant pathogens, including MRSA, *M.tuberculosis*, *Legionella*, *E.coli*, HIV, poliovirus, *Helicobacter pylori*, norovirus, and the avian influenza virus.

How Sterilox Works

PuriCore's Sterilox Systems electrochemically generate hypochlorous acid solutions for customers at a range of concentrations to meet the needs of each application. Requiring only common salt, water, and electricity, these systems are reliable, safe, effective, and user-friendly. Given hypochlorous acid does not have a prolonged shelf life, Sterilox Systems produce the Solutions on-site and on-demand.

Each Sterilox System includes a combination of proprietary electrolysis cells, software, and control systems within a custom-designed unit. These proprietary control systems ensure that the optimum concentration of hypochlorous acid is produced

consistently and reliably within narrow specification tolerances. The Sterilox Solution produced is at near neutral pH (between 5 and 7), optimizing its biocidal efficacy, yet remaining completely safe to humans and the environment. (Below pH 4, the solution is aqueous chlorine; above pH 7.4, the solution is hypochlorite, the chemical in common bleach.) The Sterilox Systems can be remotely monitored and incorporate a series of internal controls to ensure that only effective solution is available for use.

Pure Life.

Vision

To be a global leader in advancing human health through the control of infectious pathogens.

Purpose

To generate life science solutions for a safer, healthier world.

Core Values & Commitment

Quality

Respect & Integrity

TEAMWORK

Passion & Pride

Accountability

The driving force behind the development, growth, and success of PuriCore and the achievement of our Core Purpose is our people and how we conduct our business. We are committed to creating a culture that values individual and collective energy, spirit, leadership, and innovation. To realize our Core Purpose and to facilitate such a culture, we have developed the PuriCore Commitment and Core Values.

The PuriCore Commitment is a promise to our customers, employees, communities, and stakeholders that we will strive to make a positive contribution to the world while delivering exceptional business results. Together, we will build a company that customers and suppliers respect as a strategic partner, that employees are proud to work for, that competitors want to emulate, that communities recognise as a contributor, and that investors value.

Core Markets



sterilox food safety

Sterilox Food Safety Systems address the need to remove pathogens and eliminate cross-contamination of fresh produce, flowers, and seafood in supermarkets. Sterilox minimises food safety risks and keeps produce, seafood, and floral products fresher, longer.



sterilox endoscopy

Our Sterilox Endoscopy Systems meet the growing market need to disinfect heat-sensitive medical instruments. Sterilox disinfects and sterilises endoscopes safely, quickly, and effectively.



PuriCore new markets

PuriCore's continual R&D efforts investigate new markets for which its technology can advance human health through the control of infectious pathogens. PuriCore has many potential applications for its proprietary technology in various stages of evaluation and commercialisation.



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