

Applications

Sterigen Solution is a broad spectrum, high level disinfectant. It has universal application.

Surface Disinfection

Furniture
Fixtures
Equipment
Walls
Floor

Instruments & Devices

Plastic instruments
Reusable Plastic Devices
Catheters
Masks
Ventilator Circuits
Laryngoscope Blades

Fogging

OT Area
MICU/ NICU/ CCU
Laboratories
Wards
Waiting Areas
Labor Rooms

House Keeping

Laundry & Linen
Mopping

Hospital Kitchen

Washing of Raw Material
Utensils
Chopping Boards

Air Handling Unit

AC Ducts
AC Filters

Disinfection of Biomedical Waste

Sterigen Solution, generated using Sterigen System and Sterigen-C has been tested at the following Indian organizations:

Haffkine Institute for Training, Research & Testing, Mumbai, Shigella flexneri, Klebsiella pneumoniae, Staphylococcus aureus, Methicillin resistant Staphylococcus aureus, Spores of Bacillus cereus, Pseudomonas aeruginosa, Clostridium perfringens, Candida albicans, Aspergillus niger, Mycobacterium Tuberculosis, Influenza (H1N1), Poliovirus, Rotavirus, HBV (Hepatitis B Virus), HIV

University of Delhi, New Delhi, South Campus, Department of Microbiology - E. Coli, Bacillus Spores, Pseudomonas, MRSA, K. Pneumoniae, A. Niger

Jadavpur University, Kolkata, Dept. of Life Science and Biotechnology - S. aureus, E. coli, S. cerevisiae, A. niger

National Institute of Cholera & Enteric Diseases (ICMR), Kolkata, Department of Bacteriology - V. cholera, Pseudomonas, B. cereus

Post Graduate Institute of Medical Sciences, Rohtak, Departments of Microbiology, TB and Respiratory Medicine - B. subtilis vegetative cells, B. subtilis spores, S. aureus, P. aeruginosa, Acinetobacter spp., E. coli, Enterobacter spp., Klebsiella spp., Candida albicans, S. aureus (ATCC 25923), E. coli (ATCC 25922), P. aeruginosa (ATCC 27853)

Safdarjung Hospital, New Delhi, Department of Microbiology - M. tuberculosis

SGS Laboratory, Gurgaon -A. niger, S. cerevisiae, S. carlsbergensis, C. albicans, S. flexneri, B. subtilis, S. aureus, E. coli, E. faecalis, S. typhi, M. luteus, B. cereus, V. cholera, L. monocytogenes, E. sakazakii, L. innocua, R. equi, P. aeruginosa, S. epidermidis

ESI Hospital—Basai Darapur, New Delhi. Department of Microbiology-E. coli (resistant), S. aureus, P. aeruginosa & In-use testing

P D Hinduja National Hospital & Medical Research Centre, Mumbai - Flavobacterium, E. coli, K. pneumoniae, P. aeruginosa

Institute of Medical Sciences, Banaras Hindu University, Varanasi - In use testing

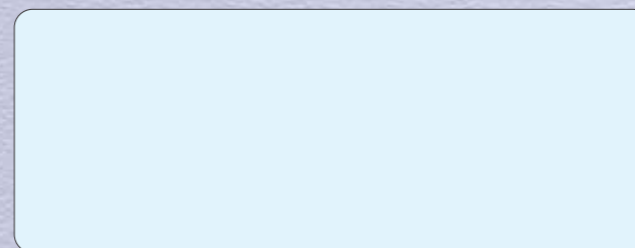
Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow - In use testing



CE Certified

* Specifications are subject to change without prior notice.

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STOP buying disinfectants

Make your own!

SteriGen
disinfectant generation system



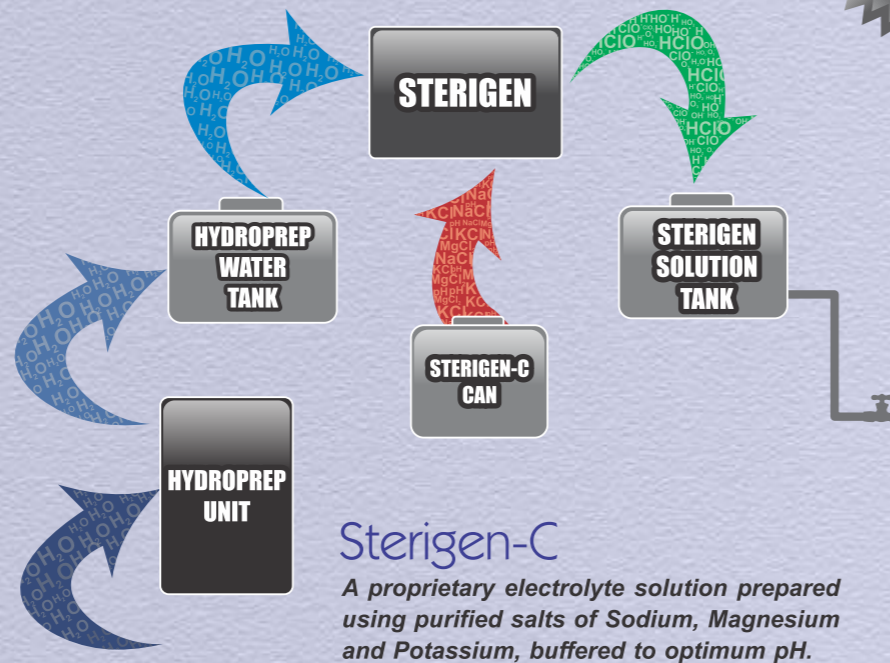
Safety Efficacy Economy Speed

SteriGen

Hypochlorous Acid (HClO) is recognized as one of the most effective alternative to traditional chemical biocides. It is also proven to be safe for human and animal health. It has been scientifically proven to be more than 70 times more powerful than chlorine bleach. HClO has already been approved in Europe and USA for medical applications.

Proprietary technology* in SteriGen disinfectant generation system generates neutral pH, stable HClO along with a mixture of oxidants like hydroxyl anion, peroxide anion, oxonium ion etc. This mixture of oxidants and HClO is known as Sterigen Solution. Sterigen Solution is a high level disinfectant produced using **water, Sterigen-C and electricity**. Sterigen System & Sterigen Solution are registered with **USFDA**.

SteriGen Solution is a **broad spectrum, fast acting, non toxic, environment friendly, high level disinfectant**. It is highly effective against all types of micro-organisms like **bacteria, viruses, fungi, mycobacteria** and **spores**.



SteriGen-C

A proprietary electrolyte solution prepared using purified salts of Sodium, Magnesium and Potassium, buffered to optimum pH.



SteriGen Solution : Efficacy

- **Broad spectrum, high level disinfectant**
- **Destroys all known pathogenic bacteria, spores, viruses, fungi, mycobacteria** etc.
- Sterigen Solution has been tested in various government approved labs and hospitals for microbicidal efficacy.
- Can be used as a liquid solution, mist or ice to treat air, surfaces or liquid
- Prepared on-site, on-demand ensuring 100% efficacy all the time

SteriGen Solution : Speed

- Sterigen Solution is a **fast acting disinfectant**. It destroys all microorganisms in a short contact time. In laboratory conditions it destroys various strains of bacteria, viruses, fungi and mycobacteria in a **short contact time of 5 minutes**.
- This reduces the turn around time for material to be disinfected and increases equipment availability.

SteriGen Solution : Economy

- Sterigen Solution has a very **low input cost**, as it is generated using only Sterigen - C, Water & Electricity
- The per liter cost of working solution of Sterigen Solution is much lower than other high level disinfectants like Quaternary Ammonium Compounds, Peroxygenic Acid, Hydrogen Peroxide with Silver, Aldehydes etc.

SteriGen : Reliability

- SteriGen System is a result of **3 decades of research**.
- More than **750 units** of Sterigen have been installed at various Super Specialty Hospitals, Medical Colleges, District Hospitals, Community Health Centers in India itself.
- Every SteriGen installation is supported by our uncompromising service.

SteriGen Solution : Benefits

- Freshly generated solution gives **100% reliability every time**, time after time
- Single use solution, so **no risk of cross infections**
- **No harmful side effects** which are seen with other chemical based disinfectants
- **Highly effective against all microorganisms including spores and mycobacterium tuberculosis** hence overcoming the shortcomings of a lot of other disinfectants
- **Universal contact time of 5 minutes** for all pathogenic microorganisms
- Unlimited areas of application give the user tremendous flexibility in terms of inventory management and **reducing the wastage of resources**

SteriGen Solution : Safety

- **100% safe** for humans
- **Non-toxic, non-carcinogenic, non-irritant** and **non-hazardous**
- Tested at **Indian Institute of Toxicological Research, Lucknow** and classified as **non-irritant** for mucous membrane and skin
- Being a single use solution there is **no risk of cross contamination**
- Non staining, virtually odorless
- Absolutely **safe for the healthcare workers, patients and environment**



* Patent pending

