

## IONSIX DISINFECTION SYSTEM IN HEALTHCARE



### Did you know?

Our goal is to ensure the highest water quality to everyone!

Bacterials and pathogens mean high risk in the medical sector too. **NanoCleanWorld GB Universal** is an excellent and innovative water disinfection solution that can effectively exterminate wide spectrum of viruses, fungi and bacteria.

Our system based on innovative and environmentally friendly electrolysis technology and kills a wide spectrum of harmful microorganisms and destroys the biofilm layer too. Our machine produces a special disinfecting liquid from water, salt and electricity which is injected into water systems and can be drained also. The disinfecting solution consists of several oxidants, so it can effectively exterminate viruses, fungi and bacteria thanks to its complex composition. It can be successfully used against those microorganisms that are resistant to traditional chemicals.

### 6 oxidizing components:



Oxygen  
(O<sub>2</sub>)



Ozone  
(O<sub>3</sub>)



Chlorine  
(Cl<sub>2</sub>)



Chlorine  
dioxide  
(ClO<sub>2</sub>)



Hydrogen  
peroxide  
(H<sub>2</sub>O<sub>2</sub>)



Sodium  
hydroxide  
(NaOH)



## HOSPITAL

- Our disinfecting liquid is biocide.
- It is not qualified as dangerous material, so the rules concerning storage and use of chemicals are not effective in its case.
- Our innovative and effective disinfection procedure is environmentally sound compared with other current solutions and can be sustainably operated also in industrial areas.



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TO WATCH THE  
ANIMATION](#)



### FURTHER INFO

*The **NanoCleanWorld GB Universal** machine produces extra disinfection liquid if it is needed what can be tapped. It is perfect for disinfecting the surfaces by cold fogging or wiping, mopping and also suitable to the NanoCleanWorld disinfection tunnels.*



## OUR SOLUTION AND EQUIPMENT CAN BE EXPANSIVELY USED IN DIFFERENT AREAS:

- Disinfection of drinking water (e.g. replacement of the very poisonous chlorine gas)
- Disinfection of drinking water as additional disinfection (typically used at rural waterworks)
- Disinfection of domestic hot and cold water systems (e.g. extermination of legionella at hospitals and other facilities)
- Disinfection of air conditioners (operating room, patient room)
- Mobile units for emergencies can be built too (healthcare, military)
- Disinfection of the surfaces (floor, handles, beds)
- Disinfection liquid for disinfection tunnels



COMBINED DISINFECTANT SOLUTION



ENVIRONMENTALLY FRIENDLY



IS NOT CLASSIFIED AS A DANGEROUS SUBSTANCE



BIOCIDAL

## EFFICIENCY

- Its disinfectant ability is extensive and long-lasting.
- Tests prove its effectiveness.



## ENVIRONMENTALLY FRIENDLY

- During the production of the disinfectant solution, the technology uses only salt and electricity.
- The components in the solution break down into their elements.
- Concentrated disinfectant liquid is not harmful neither to health and nor the environment.



## ECONOMICAL

- Low operating costs.
- The disinfectant liquid is made locally, there are no transport and storage costs.
- The operation of the system can be remotely controlled and managed, and the data can also be recorded digitally.

## SAFE

- The production and dosing of the disinfectant liquid is automated.
- Biocide, not classified as a dangerous substance,
- Handling, storage, and installation do not require special procedures or authorization.

## CONTACT

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## OUR PRODUCTS FOR HOSPITALS

### IONSIX disinfection liquid producer machine

Our machine produces a special bio disinfection liquid from salt and water by electricity with 6 oxidant components like: Oxygen (O<sub>2</sub>), Ozone (O<sub>3</sub>), Chlorine (Cl<sub>2</sub>), Chlorine dioxide (ClO<sub>2</sub>), Hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>) and Sodium hydroxide (NaOH).

Capacity: 200-1000 liter/h



### Disinfection tunnel for hospital bed, stretcher, wheelchairs

Our automatic motion sensor machine makes fine cold fog by ultrasonic dissection from the IONSIX disinfection liquid and sprays the passing objects to rid them of pathogens.



- Motor: optional with conveyor belt
- Disinfectant tank: 20 liters
- Capacity: 0-50 l / h
- Spraying: fog spraying
- Unfilled weight: size dependent
- Dimensions: we assemble according to individual needs



### IONSIX cold fogger machine

Our different size fogger machines spray fine cold fog from the IONSIX disinfection liquid to disinfects the objects, air and surfaces.

