

The contamination of any type of water with micro-organisms constitutes a major sanitary concern. Current technologies for water disinfection are chemical treatment with disinfectants or physical treatments, like radiations, UV- treatment, treatment with oxidants with membrane filtrations etc... UTOPIA introduces Advance Electro Oxidation (ElectrooXX[®]) technology with Nano coated Electrode technology.



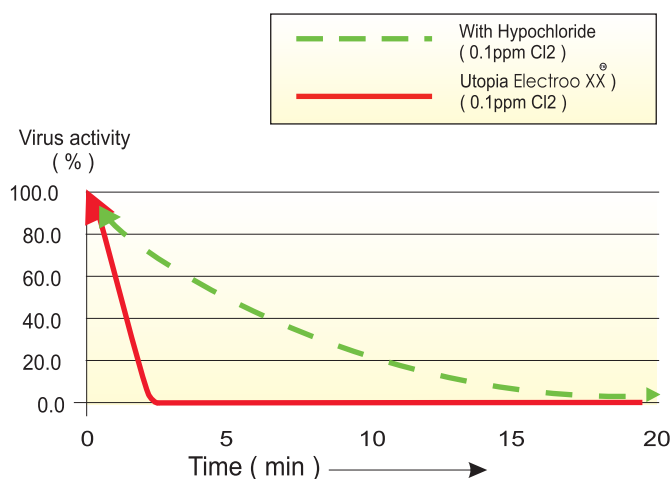
Special Features

- Chemical free disinfection.
- Compact unit less foot print required.
- Reliable performance with 100% Disinfection.
- Fully automatic unit.
- High operating life.
- High mechanical & chemical stability.
- Easy to operate.
- Close loop system.

ElectrooXX[®] Disinfection

With Advance Electro Oxidation Technology

UTOPIA Automation & control Pvt. Ltd., designs & manufactures nano technology based Disinfection system. Capable of producing chemical free disinfected water. This nano — technology based coating allows electrolytic generation of active oxygen based disinfectant such as hydroxyl radicals, hydrogen peroxide, peroxide carbonate, peroxide sulphate which produce disinfected water.



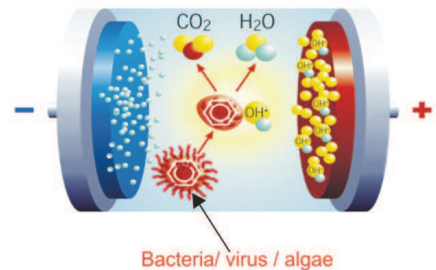
Utopia ElectrooXX[®] is compact, high energy efficient system which produces disinfected water in very low cost compare to conventional UV & Ozonation. It has no limitations due to turbidity and organic deposition such as in UV and Ozonation .

ElectrooXX™ Disinfection

With advance Electro
Oxidation technology

Benefits:-

- Disinfection without chlorine.
- Independent on water turbidity.
- Low disinfection by product potential.
- Provides better operator safety.
- Nearly maintenance free system.
- Low energy consumption than ozonation, UV.
- Compact disinfection cells.
- High energy efficiency
- Offers excellent cleaning & sanitizing performance.
- Environmentally friendly process.



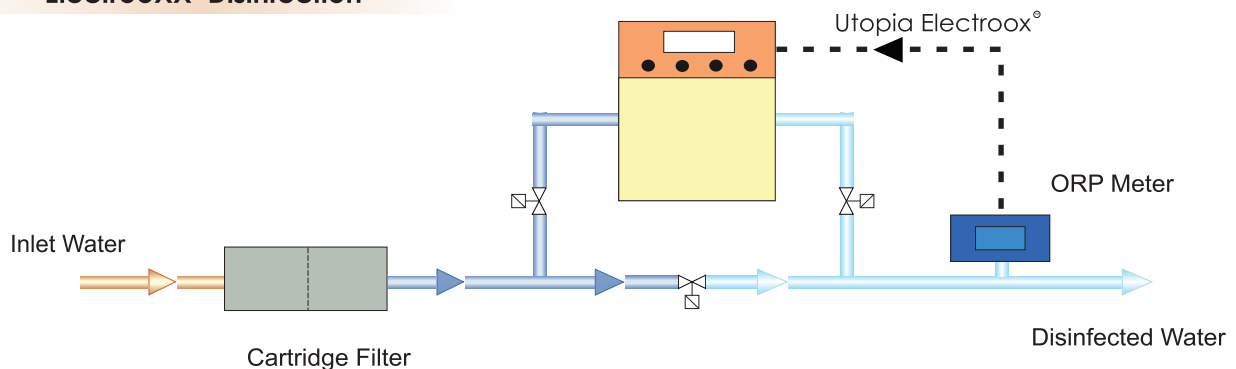
Disinfection of various liquids

Clean Water	Other Liquids	Space, Equipment cleaning & Sanitization
<ul style="list-style-type: none"> • Pharma processed water. • Drinking water. • Swimming pool & SPA. • Ballast water. 	<ul style="list-style-type: none"> • Fruit Juice. • Wine processes. • Cold milk pasteurization. 	<ul style="list-style-type: none"> • Food & Beverages industry • Pharma Industry • Biotechnology. • Cosmetic

Conclusion:-

- New industrial water disinfection technology.
- Disinfectant production in raw water with low salinity.
- High inactivation of bacteria, virus and algae without any chemical injection.
- Eliminates the drawbacks of chlorine.
- Self- cleaning through regular polarity reversal.
- Outstanding efficiency with residual.
- Potential to solve some waste water problem.

ElectrooXX™ Disinfection



Membranes Pvt. Ltd.

Trust us... Rest Assured

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Specifications are subject to change without further notification.