



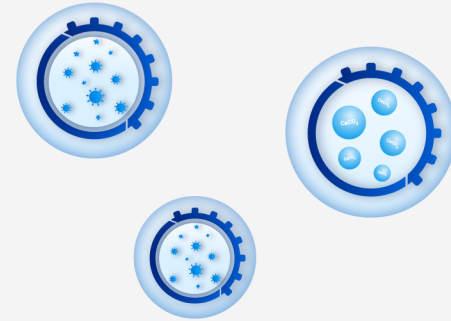
# THE FUTURE OF COOLING TOWER WATER TREATMENT

Hydroleap is a pioneering company at the forefront of delivering cutting-edge water treatment solutions. Our expertise lies in revolutionizing the way we treat water, ensuring efficient and sustainable processes.

## Hydroleap - A Leading Provider of Innovative Water Treatment Solutions

Discover the next generation of cooling tower water treatment methods that Hydroleap brings to the table. Our innovative approach combines the power of electrochemistry and advanced oxidation processes to address the challenges of scaling and fouling in cooling water systems.

**Scaling and fouling** are two critical challenges faced by cooling water systems, impacting their performance and efficiency.



Scaling refers to the accumulation of mineral deposits, while fouling involves the buildup of organic matter and microorganisms.

### This Issues Can Lead To

- Higher Energy and Water Consumption
- High Operational and Maintenance
- Reduced Cooling Tower Efficiency
- Lower Cycles of Concentration

### THE ELECTROOXIDATION SOLUTION

In traditional water cooling methods, routine maintenance often involves chemical treatment and the discharge of concentrated water (blowdown), leading to significant water wastage.

**Introducing Hydroleap's Electrooxidation System, a game-changing solution to combat scaling, fouling, and other challenges.**

The proprietary HL-EO process serves as a plug-and-play sideline treatment to break down and precipitate organics and salts, while also generating free chlorine for disinfection purposes.

### Key Benefits of Electrooxidation System



**Disinfection** 99%  
Reduction in Legionella and Heterotrophic Plate Count

**Descaling** 40%  
Reduce Total Hardness and Silica

### Hydroleap Offers

- High Water and Energy Savings
- Reduced Operational and Maintenance Costs
- Environmentally Friendly (ZERO chemical consumption)

Embrace the future of water treatment with Hydroleap's Electrooxidation System. Join us in our mission to enhance system performance, increase efficiency, and promote sustainability in the water treatment industry.



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Contact us today to schedule a demonstration and revolutionise your cooling tower treatment