

The Products

eWater Systems is exclusive distributors of the range of ROX, HOX and JIX electrolysed water products. They are made by Hoshizaki Japan, who are also leading manufacturers of commercial refrigerators, ice making machines, and water equipment.

Hoshizaki are renowned worldwide for their design innovation and engineering excellence, and for build quality that delivers both efficiency and superb reliability. The ROX, HOX and JIX range has been proven over many years and in many demanding applications.



ROX10TB
Space saving unit for wall mounting above sinks.



ROX60A
Compact high output capacity unit.



ROX20TB
Compact under sink unit with output suitable to use with tanks.



JIX40
Compact electrolyzed sodium hypochlorite production unit.



ROX15SA
Integrated tank system for high volume sites.



HOX40A
Electrolyzed alkaline and acidic water (without sodium) that enhances food preparation.

ROX Water at work

With ROX Water you're in very good company.



The benefits of ROX Water are being rapidly recognised, and are have now been embraced by many leading organisations such as:

Austin Health CPU (supplying Austin, Mercy, Royal Talbot and Heidelberg Repatriation Hospitals)
Southern Health CPU (supplying Kingston, Monash and Moorabin Hospitals)

Nobu Restaurants
Hewlett Packard
Melbourne Convention Centre
Brisbane Convention Centre
Hungry Jacks
Jamon Sushi

ROX WATER meets FSANZ Standards and is approved by Department of Human Services in Victoria. It is also approved for use by local councils, as well as by US FDA, NSF, US EPA and the Japanese Ministry of Health.



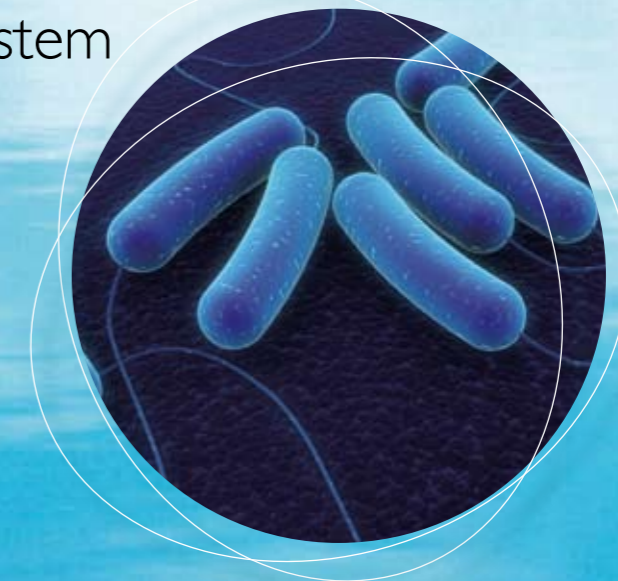
Contact

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ROX Water

The revolutionary chemical-free cleaning and sanitizing system



ewater systems
Cleaner. Safer. Smarter.

eWater Systems commitment to finding the most efficient, innovative and ecologically sustainable water solutions has led to us securing exclusive distribution rights for the revolutionary cleaning and sanitizing system, ROX Water.

Put simply, ROX Water is a brilliantly efficient and effective electrolyzed water system that creates and maintains a cleaner, safer environment for food preparation and processing. Being chemical-free, it is also the smartest alternative.

No wonder the benefits of ROX Water are being embraced by so many of the world's leading organisations. ROX Water is right for your customers' health, right for your bottom line, and right for the planet. This technology simply can't be ignored.

It is the way forward - and is available now exclusively through eWater Systems.

Electrolysed water. The chemical-free solution.

The fight against bacteria is a constant challenge that has traditionally been met by chemicals. However many pathogens build resistance to conventional chemicals, which by their nature, are potentially harmful - and in most cases toxic. They can be difficult to use safely and are often damaging to our precious environment.

Being a chemical-free, antimicrobial solution, ROX Water is the answer. It kills all common pathogenic bacteria, moulds, fungi, viruses and yeasts. And it is highly effective against spores that are normally resistant to sanitizers.

It enhances shelf life, reduces spoilage and improves food quality and safety in foodservice, healthcare, hospitality and food processing industries - without leaving residues or unpleasant aftertaste.

This is innovation at its very best. It is highly effective, exhaustively researched and undoubtedly proven to work.

How is ROX Water made?

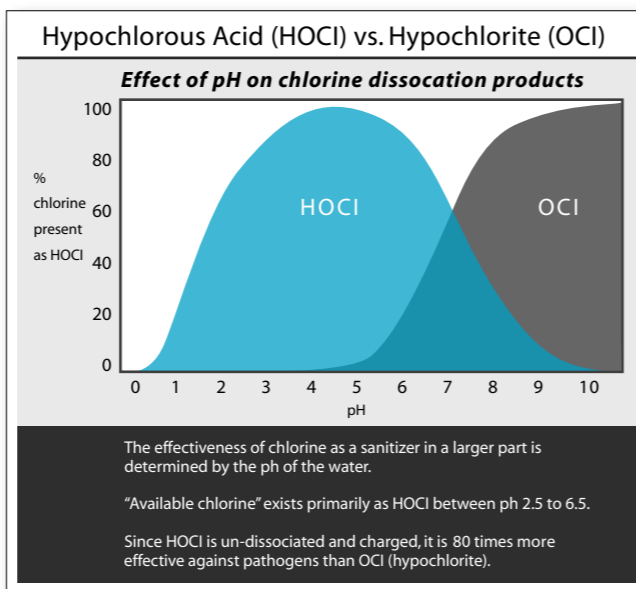
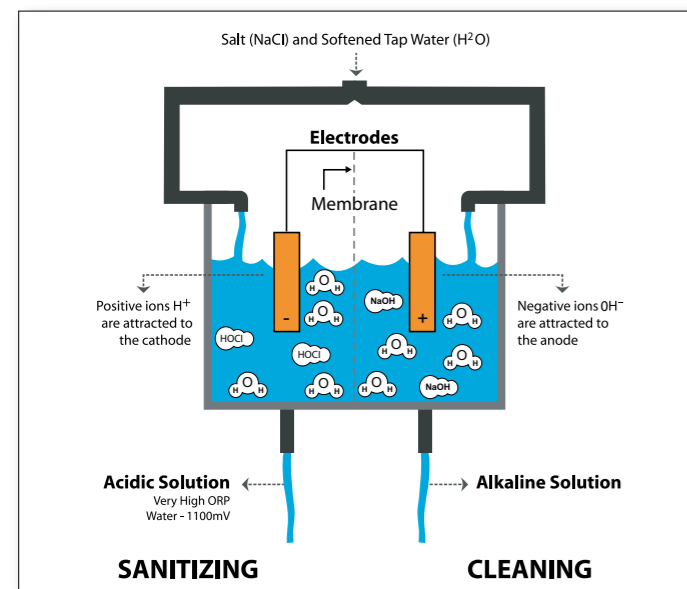
ROX Water is created by a process that electrolyzes a weak saline solution, tap water and common salt, resulting in a dissociation of the water into two separate streams:

1. Alkaline cleaning water. A dilute solution of sodium hydroxide (NaOH), pH about 11.3, that is a natural cleaning agent and detergent and a highly effective degreaser.

2. Acidic sanitizing water. A sterilizing and disinfecting solution containing hypochlorous Acid (HOCl) with a pH about 2.7 and a very high oxidation reduction potential (ORP) of 1100mV. When ORP is greater than 650 millivolts, most pathogens are killed on contact.

Due to this high ORP, the sodium hypochlorite (HClO) in acidic ROX Water sterilizes approximately 80 times faster than other sodium hypochlorite solutions of the same concentration.

Source "Water Purification Technologies" Gihodo Shuppan, Japan, 1985.



Applications

ROX Water is ideal for use as a single source system for cleaning and sanitizing of all food preparation and contact surfaces.

It can greatly benefit a wide variety of industries where food safety and hygiene are of critical importance, and where cleaning and sanitizing processes can be time consuming and expensive.

ROX Water is perfect for hand washing and for cleaning and sanitizing cutting boards, utensils, bench tops, tables, carts, sinks and floors.

ROX Water has extensive CIP applications in food processing and beverage industries, and is ideal to use as an antimicrobial wash for fresh fruits, vegetables, salads, eggs, poultry, beef and seafood.

ROX Water is also proven to be remarkably effective at extending the shelf life of fresh produce.

ROX Water systems are available to suit businesses ranging from small restaurants to large food processing plants.

Benefits



More effective. Numerous studies indicate that electrolyzed water is more effective and safer than the alternatives such as quats, peracetic acid and bleach.

Safer for people. Being non-hazardous and non-toxic, there are no eye or skin irritations. And there is less risk because there is no need to transport, store, dilute or mix dangerous chemicals.

Safer for our environment. There are no suds or chemicals going down the drain. As both the acidic and alkaline solutions are very dilute, disposal presents no environmental problems.

Less risk. A daily pH test replaces the need to mix and dilute dangerous chemicals meaning there is less risk and chance of human error.

Saves water. With no need to rinse after sanitizing, there is significant water saving potential.

Saves time. With one system replacing an array of chemicals training and use are easy.

Fast Acting. Requiring less contact time means faster sterilization, delivering further time and cost savings

No Residues. Products are not tainted by chemicals and the process is virtually odour free.

ROX Water makes economic sense.

ROX Water saves money by saving water, replacing chemicals and improving efficiency. The only consumables are water, electricity and salt, all relatively inexpensive.

As the processes are quick and the effect fast acting, ROX Water saves time and labour costs. In most situations ROX Water will cost less than 1 cent per litre.

It is an investment that will quickly pay its way.

Research

Bacteria or Virus	Time to Eliminate	Helps prevent
Escherichia coli	< 5 Sec	gastroenteritis, cystitis
Salmonella sp	< 5 Sec	gastroenteritis, typhoid
Listeria monocitogenes	< 10 Sec	meningitis, encephalitis
Streptococcus pneumoniae	< 5 Sec	pneumonia, meningitis
Streptococcus pyogenes	< 5 Sec	septicemia
Staphylococcus aureus	< 5 sec	infections
Staphylococcus epimermidis	< 5 Sec	hospital infections
Pseudomonas aeruginosa	< 5 Sec	infections
Haemophilus influenza	< 5 Sec	respiratory infections
Bacteria subtilis	< 30 Sec	food poisoning

Emphatic evidence of effectiveness.

There are numerous independent research studies that have explored and validated the effectiveness of electrolysed water. It is proven to significantly lower the presence of pathogens and bacteria such as E Coli, Listeria, Salmonella and Staphylococcus. It has also been proven, time and again, that it is more effective and faster acting than many widely used sanitizing alternatives. The table on the left demonstrates its effectiveness.

Source: A. Iwasawa et al. Effects of Aqua Oxidized Water on Clinical Isolates. J. of Japanese Society of Environmental Infections.

See www.ewater.com

or contact us for more information regarding research studies.