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Water cleans and sanitises better than chemicals, believe it or not.

Would you believe water can clean and sanitise as well as chemicals or better? Is it possible chemical free water can do the job of harsh chemicals?

The answer is yes and a revolution is occurring in the way commercial enterprises are cleaning and sanitising as they monitor their environmental impact, OH&S issues and material costs. The genesis of this revolution is **electrolysed water**.

eWater Systems is the Australian distributor of Hoshizaki Electric's Japanese-made ROX water units produce electrolysed water on site and on demand. Over 20,000 units have been installed in Japan.

eWater Systems' Director, Phil Gregory says, "Initially the effectiveness of ROX surprised us as it does anyone because it seems incredible that water at tap temperature with no suds, colours, smell or chemicals could work so well.

"However, the proof is undeniable and people in numerous industries are embracing ROX water because it represents an ideal combination of effectiveness and sustainability," he says.

Electrolysed water can be used wherever chemical cleaners and sanitisers are used, and are especially relevant for the health, food processing, hospitality, public venue, aged care, education, agricultural and tourism industries.

ROX water units have passed exhaustive independent tests in Australia before being installed in key sites, with results showing that electrolysed water cleans as well as, or better than chemicals.

As an anti-microbial solution, electrolysed water attacks and kills bacteria, viruses, fungus, moulds, pathogens and spores. Electrolysed water cleans and sanitises virtually on contact.

The only ingredients required to produce ROX Water are water, salt and electricity that combine to significantly improve the efficiency of sanitation management in food processing environments.

Electrolysed water is created through electrolysis of a very dilute salt water solution passing through a membrane that results in the generation of alkaline electrolysed water (cleaning water) at the cathode (negatively charged terminal) and acidic electrolysed water (sanitising water) at the anode (positively charged terminal).

Tested and installed at Austin Health, Hungry Jacks, and the premium new Nobu Restaurant at Crown, and soon to be installed at the 6-star Melbourne Convention Centre and Southern Health CPU, eWater's ROX Water has totally changed the way establishments manage their operations without pushing dangerous chemicals into the environment, while at the same time, protecting the health and welfare of their employees and cutting costs.

Austin Health, where meals are prepared for a number of metropolitan Melbourne hospitals, uses electrolysed water for cleaning and sanitising not only utensils and equipment, but also surfaces and floors, and even in preparing fresh foodstuffs.

Before ROX Water was accepted as an alternative to chemicals by Austin Health, eWater's ROX system was subjected to the most stringent of microbiological testing and evaluation.



Reporting on five weeks of independent tests conducted by Austin Health Central Production Unit at Heidelberg in Victoria, Food Services Supervisor, Eileen Palmieri stated, "The trial results point to ROX water as being as effective as traditional chemicals in reducing bacterial numbers to safe levels."

AgriQuality, the independent microbiologists testing ROX water at Austin Health reported, "ROX Water was shown to perform at least as well if not better than the traditional cleaning and sanitising methods when used on surfaces and equipment. On one of the trials it was shown to perform considerably better."

In addition to replacing chemicals, the use of eWater's ROX systems can significantly reduce water consumption, which is a critical environmental consideration today.

Gregory says, "We see ROX water having a myriad of applications across all sectors where cleaning and sanitising are conducted."

In addition to cutting the volume of chemicals used in the environment, ROX Water also cuts costs with the system delivering a complete cleaning and sanitising solution for an operating cost of around 0.5¢ per litre, a fraction of the cost of chemicals.

ROX Water units are available in a number of sizes with applications designed to suit a small operation through to a large concern that currently consumes vast quantities of chemicals for cleaning and sanitising.

ROX Water systems meet FRANZ standards and are approved for use by the Victorian Department of Human Services. They can be purchased outright, rented or leased.

Photographs are available of ROX water units and units installed. Please contact Geoff Drucker at DYDX Pty Ltd (03) 8610 2521.

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