



Better Water Management Systems for Naval Architects, Ship Builders, and Vessel Owners, Scienco/FAST was established to focus on water ecology and technology innovation for marine applications. At the forefront of sustainable design and with more than 80,000 installed

systems on land and sea over 80 countries, these systems meet the highest performance standards for treatment of water, greywater, wastewater, and more! Scienco/FAST has developed a number of innovative products designed and engineered with sustainability and user practicality in mind.

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**SCIENCO**  
**ANOLYTE**



\*sprayer sold separately

**A NEW GENERATION OF  
DISINFECTANT & DEODORIZER**

**BETTER WATER. BETTER WORLD.®**

**www.SciencoFAST.com**

INNOVATIVE ONSITE WASTEWATER PRODUCTS

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# SIMPLE • LOW COST • ROBUST



Scienco® Danolyte® hypochlorous acid (HOCl) generators produce a powerful anti-microbial fluid for use across a broad spectrum of applications, yet gentle enough for use on baby toys. The unique technology of the Scienco Danolyte machine offers innovative disinfection, sanitizing and deodorizing solutions for many industries including water treatment, agriculture, oil and gas, healthcare, education, and food service/processing. With no harsh chemicals, harsh fumes, or chemical residuals, Danolyte provides a new generation of disinfectant.

## EFFECTIVE

Hypochlorous acid kills bacteria, bacterial spores, viruses, and fungi 100x more effectively than chlorine bleach.

## EFFICIENT

Hypochlorous acid is generated on-site at preset concentrations using Scienco Danolyte systems; no storing or mixing toxic chemicals required.

## NATURAL

EPA-listed, hypochlorous acid is a safe, no-rinse solution produced with just water, salt, and electricity.

Simple, Low Cost, and Robust, the Scienco® Danolyte® System is highly effective in removing biofilm; eradicating molds/fungus; and leaving no harmful residuals. The solution produced from the Scienco Danolyte machine kills 99.9% of every pathogen; including E. Coli (Escherichia coli), Pseudomonas, Enterococcus, C. Diff spores, and staphylococcus.



\*sprayer sold separately

Scienco® Danolyte® systems uses natural salt minerals and water to be environmentally friendly.

Safe and non-toxic for people, animals, and plants.

- Healthcare & Hospitality
- Agricultural: Food Crops & Animal Husbandry
- Food & Beverage Processing & Handling
- Public Touch Screens & Surfaces
- Public & Commercial Transit
- Public/Sports Parks & Walk Ways
- Commercial Kitchens & Food Service
- Oil & Gas & Marine Industry

Scienco® Danolyte® System is optimized for energy-saving. The concentration of Free Available Chlorine (FAC) is 500 PPM.

## Scienco Danolyte's advantages over traditional disinfection fluids and systems:

- **CREATES ON DEMAND AND READY-TO-USE**  
latest technology for generating stable hypochlorous acid (HOCl)
- **FULLY AUTOMATED TO ADJUST ACCORDINGLY**  
proprietary controllers takes reading every millisecond
- **REDUCES OPERATIONAL COSTS**  
by up to 35% with fully automated, optimized process
- **NEUTRAL PH IS NON-CORROSIVE**  
fully compatible with water systems
- **REMOTE MAINTENANCE CAPABILITIES**  
notifies to Maintenance Staff for User Interaction
- **EPA REGISTERED DISINFECTANT & SANITIZER**  
"hospital level" broad spectrum, Bactericidal/Virucidal solution

DESCRIPTION	DJIT 300	DJIT 500	DJIT 1000
Scienco® Danolyte® Daily Production	50 gallons [189 L]	101 gallons [382 L]	202 gallons [765 L]
Catholyte Daily Production	13 gallons [49 L]	25 gallons [95 L]	50 gallons [189 L]
Daily Power Consumption*	3.4 kWh	7.6 kWh	9.2 kWh
Dimensions (inches) H/W/D	17/26/8	29/42/12**	29/42/12
Weight	62 Lbs. [28 kg]	73 Lbs. [33 kg]	78 Lbs. [35.4 kg]
approx. Application Coverage (wipe to spray)	100000-500000 ft²	200000-1000000 ft²	400000-2000000 ft²
in metric square meters	9290-46450 m²	18580-92900 m²	37160-185800 m²

- Expected Scienco Danolyte® produced solution: 500 ppm/6.5-7.0 pH/900m V<ORP
- \*Standard Electrical Power Requirements: 110/220 V/50Hz/10 Amps
- Salt Requirements: 5-7 grams per liter, 99.6% Salt Tablets
- Water Supply Requirements: ½" line/3 bar/43psi
- Temperature In Use: 5°-32° C / 41°-95° F

\*\*DJIT 500 also available in same size as DJIT 300.

## GUIDELINE USAGE:

SPRAY: 1 gallon = 1929.0 m²

WIPE: 1 gallon = 185.8 m²

The solution produced is an EPA registered, "hospital level", broad spectrum disinfectant and sanitizer, included on the EPA's List N: Disinfectants for Use Against SARS-CoV-2.

For best results, use solution within 30 days. For more info, email [danolyte@sciencofast.com](mailto:danolyte@sciencofast.com)

PLEASE NOTE: the disinfectant solution produced by the Scienco® Danolyte® System is not intended as a terminal sterilant or high level disinfectant. However, it is acceptable to use as a "pre-disinfectant" prior to sterilization or other "higher-level" disinfection of surfaces or instruments prior to patient use.

