

# Ecolox Tech

## User Manual



1. Lid
2. Power On/Off
3. Settings 3
4. Settings 2
5. Settings 1
6. Power Slot
7. One gram measuring spoon
8. Power supply

## Generating Electrolyzed Water for Cleaning & Sanitation

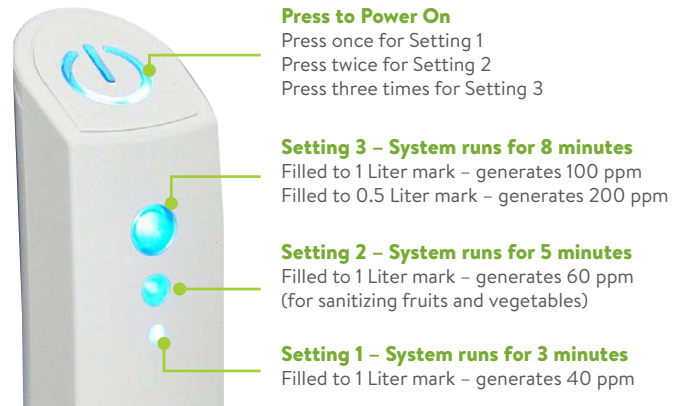
**Generates hypochlorous acid (HOCl) with an ORP between +800 and +1000 (setting 3)**

1. Add tap water (or purified water) up to the 1 Liter mark
2. Using 1 gram measuring spoon, add 1 gram salt per 1/2 Liter of water \*
3. Add 1 tsp. of distilled white vinegar (5%) \*\*  
(optional but recommended to optimize pH)
4. Place lid and plug-in the power supply \*\*\*

\* Use only food grade salt (NaCl). It is recommended to use pure and natural salt without iodine.

\*\* Adding vinegar will lower pH therefore allowing hypochlorous acid (HOCl) to be the dominant free chlorine molecule.

\*\*\* Power supply must be dry.



# Generating Electrolyzed Water for Cleaning & Degreasing

Generates potassium hydroxide (KOH) with an ORP between -100 and -300.

1. Add tap water (or purified water) up to the 1 Liter mark
2. Add 2 grams of potassium carbonate \*
3. Place lid and plug-in the power supply \*\*
4. Power On to Setting 3 to generate KOH in 8 minutes

\* Use only the potassium carbonate additive.

\*\* Power supply must be dry



## Measuring Hypochlorous Acid (HOCl) Solutions

### THINGS TO KNOW:

- The molecular formula for hypochlorous acid is HOCl
- HOCl is a free chlorine molecule that can be measured with chlorine test paper
- HOCl is most dominant in a chlorine solution between pH 5 and 6

### HOW TO MEASURE THE CONCENTRATION OF HOCL

Chlorine test paper provides a simple, reliable, and economical means to measure the concentration of free chlorine in sanitizing solutions. With color matches at 10, 50, 100 and 200 ppm, the test paper measures concentrations between 10 and 200 ppm. In the food industry, federal, state and local health regulations require users of chlorine-based sanitizer solutions to have appropriate test kits available to verify the strength of sanitizer solutions.

**To learn more about hypochlorous acid sanitation and disinfection, visit the research database at: [EcoloxTech.com/research](https://EcoloxTech.com/research)**

### PRECAUTIONS

1. Keep out of reach of children.
2. Store additives in a clean and dry location.
3. Only use normal tap water or purified water.
4. If the unit becomes damaged or leaks, immediately disconnect from the power supply at the wall.
5. Do not immerse the system into water. Do not clean in a dishwasher.
6. To clean unit, rinse only with tap water.
7. The unit can cause electric shock if not used properly.
8. Empty the pitcher after use and rinse with tap water.

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