

Eco One

User Manual

Instructions for safe use provided throughout this manual.



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

Generating Electrolyzed Water for Cleaning & Sanitation

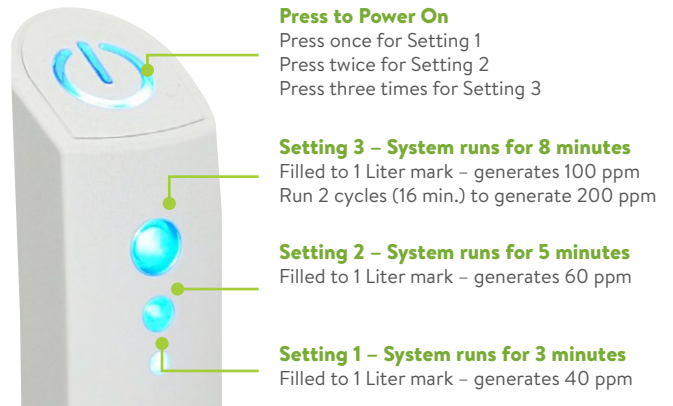
Generates hypochlorous acid (HOCl) with an ORP between +800 and +1000 (setting 3)

1. Add tap water (or purified water) up to the 1 Liter mark
2. Add 2 grams of kosher salt *
3. Add 1 tsp. of distilled white vinegar (5%) **
(optional but recommended to optimize pH)
4. Replace lid and connect power supply ***
5. Power On to generate hypochlorous acid

* 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 connector must be dry.



Press to Power On

Press once for Setting 1
Press twice for Setting 2
Press three times for Setting 3

Setting 3 – System runs for 8 minutes

Filled to 1 Liter mark – generates 100 ppm
Run 2 cycles (16 min.) to generate 200 ppm

Setting 2 – System runs for 5 minutes

Filled to 1 Liter mark – generates 60 ppm

Setting 1 – System runs for 3 minutes

Filled to 1 Liter mark – generates 40 ppm



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. Replace lid and connect power supply **
4. Power On to Setting 3 to generate KOH in 8 minutes

* Use only the potassium carbonate additive.

** Power supply connector must be dry



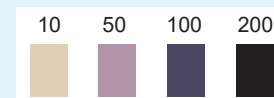
Measuring Hypochlorous Acid (HOCl) Solutions

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 4 and 6

HOW TO MEASURE THE CONCENTRATION OF HYPOCHLOROUS ACID

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 parts per million (ppm), test paper measures concentrations between 10 and 200 ppm.



PRECAUTIONS

1. This appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities or lack of experience or knowledge, unless they have been given supervision or instruction.
2. This appliance should not be used by children and care should be taken when used near children.
3. To protect against risk of electrical shock, do not immerse the appliance base or power supply unit in water or other liquid. Do not clean in a dishwasher.
4. Turn appliance off before cleaning.
5. Use only with the detachable power unit that was provided with the appliance. Do not operate the appliance with a damaged cord or plug.
6. Appliance is designed to be supplied from a separate extra-low voltage (SELV) power source; risk of electrical shock are minimal under normal conditions.
7. Store additives in a clean and dry location.
8. Only use normal tap water or purified water.
9. If the unit becomes damaged or leaks, immediately disconnect from the power supply at the wall.
10. To clean unit, rinse only with tap water.
11. Empty the pitcher after use and rinse with tap water.

Disclaimer: The content of this document is furnished for informational use only and is subject to change without notice. The generation of free chlorine solutions of HOCl can vary due to differences in water quality therefore measurements in parts per million (ppm) are approximations. EcoloxTech assumes no responsibility or liability for errors or inaccuracies in the content of this manual.