EcoloxTech

User Manual

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

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 (for sanitizing fruits and vegetables)

Setting 1 – System runs for 3 minutes
Filled to 1 Liter mark – generates 40 ppm

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) to 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. Place on 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.

Generating Electrolyzed Water for Cleaning & Degreasing

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

1. Add tap water (or purified water) to 1 Liter mark
2. Add 2 grams of potassium carbonate *
3. Place on 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

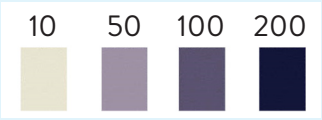
Measuring Hypochlorous Acid (HOCl) Solutions

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), the test paper measures concentrations between 10 and 200 ppm.



To learn more about hypochlorous acid sanitation and disinfection, visit the research database at: 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.