

EcoloxTech Micro - Your Travel Buddy

<https://store.ecoloxtech.com/ecoloxtech-micro/>

Our latest electrolyzer is a portable USB device. Perfect to bring with you on your next vacation.

HOW DOES IT WORK?

Making disinfectant is easy. Just fill a glass with 300ml (10 fl oz) of water and add 1 gram of kosher salt. Power on the system and within minutes a cleaner & disinfectant is generated called hypochlorous acid (HOCl), also known as electrolyzed water. ([Electrolysis](#))

Alternatively, a cleaner & degreaser can be generated by using potassium carbonate instead of kosher salt.

WHY IS SYSTEM QUALITY IMPORTANT?

Since the start of the COVID-19 pandemic, many low quality hypochlorous acid generators from China have flooded the market. It is important to understand why quality is important. Below are some key points to consider before making a purchase:

Titanium Electrolysis Cell

The cell must be manufactured with high grade titanium and iridium coating. Systems using electrolysis cells that are manufactured from lower quality alloys will deteriorate quickly, and may not be generating hypochlorous acid. If the electrolysis cell is made from stainless steel or other lower grade metals, the electrolysis cell will deteriorate very quickly and will generate harmful hexavalent chromium compounds that are carcinogenic.

Size of the Electrolysis Cell

Our electrolysis cell is relatively large and only requires 1 gram of salt to generate 200 ppm of hypochlorous acid. Even higher concentrations can be generated if the system is run for extra time. Many low quality systems manufactured in China are requiring very large quantities of salt. If you see that the directions for a system require 5 to 20 grams of salt per liter, you can be sure that the electrolysis cell is very small and your solution salinity will be extremely high. Most likely the system is generating sodium hypochlorite (NaOCl / NaClO) and not hypochlorous acid (HOCl). (NaClO is laundry bleach)

PERFORMANCE

Concentrations up to 200 ppm of hypochlorous acid (HOCl)

Production Rate (5 minutes): 300ml at 70 ppm

Production Rate (8 minutes): 300ml at 130 ppm

Production Rate (10 minutes): 300ml at 200 ppm

Production Rate (15 minutes): 300ml at 250-300 ppm

TECHNICAL SPECIFICATIONS

Model: Micro

Electrolysis Cell: Titanium/Iridium

Power Supply: 3A/5V USB Charger

Dimensions: 3.5 x 1.25 x 0.60 inches

Weight: 0.3 lbs.

INCLUDED

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1 gram measuring spoon

User Manual

