Reusable Water Pasteurization Indicators (WAPIs)

Many people think water must be boiled to be pasteurized, but extensive university testing has proven that once water has reached 149°F for five minutes it is safe to drink. The WAter Pasteurization Indicator (WAPI) was invented to work with a solar oven to indicate when water reached 149°F. It makes water safe from microbes such as E-coli, Rotaviruses, Giardia, Cholera and Hepatitis A.

We are engineers who have improved the original WAPI design to make it easier to produce and more reliable. We offer three styles of WAPIs:

**The Cool WAPI Kit** is offered unassembled for those who want to create jobs while saving money. Assembling the Cool WAPI requires only a common hammer and the three-piece tool kit we provide FREE with initial orders. The Cool WAPI is 1.5 inches long and weighs 5 grams.

$95 per 100 unassembled units

**The Cool WAPI** has a nylon cord that drapes over the edge of the water pot to allow the operator to lift it from the pot without scalding fingers from the hot water. Stainless steel washers are tied to both ends of the cord to weigh down the Cool WAPI. The operator can lift the Cool WAPI from the water to view the wax condition, and invert to relocate the wax at the top of the tube, allowing for unlimited reuse. Isn’t that great!

$125 per 100 finished units

**The SUPERWAPI** can be used both with a solar oven and when the sun isn’t shining or at night. The Super WaPI features a stainless steel cable that is highly resistant to heat and can be used with solar or fossil fueled heat. It saves almost 50% on fuel (and thus cost) because the water has to reach only 149°F to be pasteurized when compared to 212°F. The SUPERWAPI is not offered as a kit because expensive tools are required to crimp the cable end and protective tips.

$225 per 100 finished units

All WAPIs are sold in 100 piece minimum quantities.