



ULTRASONIC CLEANER

HOW ULTRASONIC CLEANERS WORK

High frequency sound waves agitate the solution. Cavitation bubbles induced by the agitation adhere to substances like metals, plastics, glass, rubber and ceramics. This action also penetrates holes, cracks and crevices thoroughly removing all traces of contamination such as dirt, oil, dust, grease, flux agents, etc. that adhere to or are embedded in solid surfaces.

Ultrasonic cleaning can be used for a wide range of items from carburetors to spray nozzles and a variety of small parts and instruments. Most hard, non-absorbent materials which are not chemically attacked by the cleaning fluid are suitable for ultrasonic cleaning. We recommend using DTI FORMULA #201 which has been specifically developed to be used with this Ultrasonic Cleaner. It is non-toxic and biodegradable, and has been shown to produce superior results without tarnishing or changing the color of metal surfaces.

OPERATING INSTRUCTIONS

1. Place the unit on a stable and flat working surface.
2. Put the item(s) to be cleaned in the basket. Very small items can be placed in a plastic bag containing solution and then be put in the tank.
3. Fill the tank to the crease near the top with cleaning fluid. ***DTI Formula #201 cleaning solution must be diluted 1 part solution to 5 parts water.***

⚠ DO NOT TURN ON CLEANER WITHOUT FLUID IN THE TANK! ⚠

4. Connect to power outlet.
5. **Setting the Temperature:** The TEMP keys are on the left side of the panel. They increase or decrease in increments of 5 degrees. Set the temperature between 100°F to 120°F for most jobs. Remember, the sonic agitation will also be creating some heat. The heating indicator light will stay on when the heat is going up and will turn off when the set temperature has been reached or exceeded. **Note:** When the unit has been used for several cleaning jobs, the unit should be shut down to allow the temperature to come down before continuing. This prevents overheating damage to the cleaner.
6. **Starting the cleaning process:** Press "ON/OFF" to turn cleaner on. When the display on the right side shows "00" the Ultrasonic Cleaner is in standby and the indicator light is off. Press time setting key "+ 5" to increase time in 5 minute increments. 25 to 30 minutes should be sufficient for most jobs. The cleaning indicator light turns on and the timer begins to count down — the unit is cleaning. When the timer counts down to "00", the unit stops automatically and the indicator light turns off.