

## Specifications

Power Supply	AC 100~120V 50/60HZ
Frequency	60HZ
Output Power:	35W
Dimension:	5"H x 8"W x 4½"D (127 x 203 x 117 mm)
Tank Dimensions:	2½"H x 6½"W x 3½"D (64 x 165 x 89 mm)
Capacity:	1/2 qt (600 ml)
Net Weight:	2 lbs (1 kg)
Time:	3 Minutes
Cycles	42,000
Warranty:	1 year

**Warranty:** Sper Scientific warrants this product against defects in materials and workmanship for a period of 1 year from the date of purchase, and agrees to repair or replace any defective unit without charge. If your model has since been discontinued, an equivalent Sper Scientific product will be substituted if available. This warranty does not cover damage resulting from accident, misuse, or abuse of the product. To obtain warranty service, ship the unit postage prepaid to:

### SPER SCIENTIFIC LTD

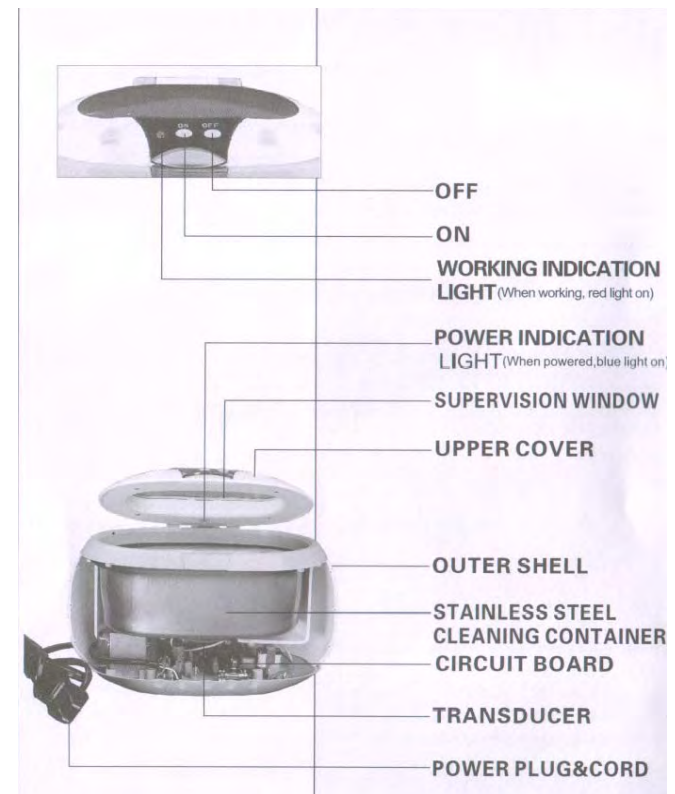
7720 E Redfield Rd, Suite 7, Scottsdale, AZ 85260  
 WWW.SPERSCIENTIFIC.COM INFO@SPERSCIENTIFIC.COM

The defective unit must be accompanied by a description of the problem and your return address. Register your product online or return your warranty card within 10 days of purchase.

Rev 6/24/05

## MINI ULTRASONIC CLEANER 100005 - *New Model*

Removes grease, dust or other contaminants from surfaces and cavities of objects like glasses, small parts, metals, glassware, coins, cuvettes, stainless, nozzles, electric shaver blades, jewelry, printer-heads, dentures and more. Generates thousands of tiny cleansing bubbles which vibrate at a very high electrical frequency. When the vibration speed rises above the ultrasonic frequency level, bubbles explode, generating intense yet cleaning power that is gentler than most chemical / abrasive cleansers. This unit is not intended for commercial, non-stop use.



## Operating Procedures

1. Plug the unit into a grounded 100~120V outlet, preferably with a ground fault interrupt (GFI) to prevent fire, injury or electrocution.
2. Open the cover to wipe the tank with a clean cloth.
3. Dropping objects into the tank can damage the circuitry, so gently place the object to be cleaned into the tank.

Note: If a sharp tool touches another metal object during the cleaning cycle, the ultrasonic action can dull the edge. Use plastic baskets so that such tools don't touch the metal.

4. Fill the tank with enough water to cover the item but not exceed the MAX line. The unit can be damaged if it is operated without sufficient water. If desired, a few drops of mild phosphate-free detergent may be added to the water. The use of disinfectants is not recommended as they may produce harmful vapors. If you use a dipping basket, the unit's stainless steel tub must also be filled with water.
5. Press the **"ON"** button to start the cleaning cycle. The unit will automatically shut off after 3 minutes. Never leave the unit unattended during operation. In some cases, pre-soaking or repeated cleaning cycles may be required. After extended operation, if the water becomes too hot (over 158°F / 70°C) replace with cool water before continuing.
6. To stop the unit during a cleaning cycle, press the **"OFF"** button.
7. When you are finished, unplug the unit and clean the exterior, buttons and electrical cord with a damp cloth.

## PRECAUTIONS

The Mini Ultrasonic Cleaner is not a toy and it is not intended for use by children.

- DO NOT disassemble the unit.
- DO NOT use near a sink, tub or other water source where there is danger from electrocution.
- DO NOT use if the electrical cord is damaged.
- DO NOT clean with abrasive or harsh solvents.
- DO NOT submerge the unit or allow water to seep into the circuitry.
- DO NOT use if the unit becomes hot to the touch. Discontinue use immediately, unplug, and wait until the unit cools completely before resuming use.
- DO NOT use on fragile stones such as turquoise, pearls, and opals, coated metals, or live creatures.