

# OMEGASONICS

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## Ultrasonic Procedure Document

**Test Sheet Name: Rifle**  
**Content Category: Scheduled**



**BEFORE**



**AFTER**

**Company Name:** Omegasonics

**City, State:** Hollidaysburg, PA

**Industry Type:** Restoration

**Description of Part:** Rifle: Hunting type with scope

**Contaminant:** Smoke & soot

**Equipment Used To Clean:** Omega Fire Pro 5200

**Caution During Cleaning:**

- Insure the components are dry and lubricated prior to assembling.
- If rifle has been subjected to high temperatures, testing is required to insure the tensile strength of the rifle has not been altered.

**Test Sheet Name: Rifle**

<b>PRESOAK REQUIRED: YES: NO: X</b>		<b>PRESPRAY REQUIRED: YES: X NO:</b>			
CLEANING SOLUTION <b>Omega Blue</b>	SOLUTION/WATER <b>1:21</b>	TEMPERATURE <b>Amb</b>	PH <b>11.4</b>	FREQUENCY/KHZ <b>n/a</b>	CLEANING TIME <b>n/a</b>
CLEANING SOLUTION <b>Omega Blue</b>	SOLUTION/WATER <b>1:32</b>	TEMPERATURE <b>115 F</b>	PH <b>10.9</b>	FREQUENCY/KHZ <b>40</b>	CLEANING TIME <b>1-5 Min</b>
CLEANING SOLUTION	SOLUTION/WATER	TEMPERATURE	PH	FREQUENCY/KHZ	CLEANING TIME
CLEANING SOLUTION	SOLUTION/WATER	TEMPERATURE	PH	FREQUENCY/KHZ	CLEANING TIME

**RECOMMENDED TECHNICIAN LEVEL:** Certified Restoration Technician

**ULTRASONIC POWER OUTPUT SETTING:** 100% - 50 watts /gallon

**RECOMMENDED CLEANING PROCEDURE:**

- Determine the make, model and serial number of the unit to aid in determining the age and value.
- Disassemble the rifle into it's major components. If the rifle is equipped with a scope, the scope can be left attached to the receiver.
- Spray the components with a 1:21 solution of Omega Blue from a spray bottle or pump sprayer and allow 1-3 minutes of dwell time.
- Rinse off residue that has been loosened by the prespray.
- Place the metal components into a 1:32 solution of Omega Blue in the ultrasonic tank which has been preheated to 115° F. Clean 1-5 minutes until all residue is removed.
- If necessary spot clean using the 1:21 solution of Omega Blue in a spray bottle and wipe with a 3M pad that is green or lighter in color.
- Submerge the wooden stock in the ultrasonic tank and allow only 1-2 minutes of dwell time. Spot clean if necessary with a 1:21 solution of Omega Blue in a spray bottle and wipe with a 3M pad. If the stock is synthetic it can be cleaned with the metal components.
- Rinse all components with deionized water that is 115-120° F.
- Blow off excess moisture with filtered compressed air.
- Dry using a hand held hot air dryer.
- Lubricate using light gun oil or silicone spray.
- Test using industry standards.