



ULTRASONIC CLEANING TANKS

UC Series

Kresco's range of industrial and commercial ultrasonic cleaning tanks provides the ideal hands-free cleaning solution for degreasing and restoring parts in a variety of shapes and sizes in just minutes using tap water or mixed with specialty soaps.

OVERVIEW OF OUR ULTRASONIC CLEANERS

Kresco provides a full range of ultrasonic cleaning equipment available in different tank capacities and levels of automation. From table top tanks to large industrial multi-tanks systems, our comprehensive line of ultrasonic cleaners can tackle the hardest degreasing applications and meet your budget.

KEY BENEFITS

INCREASED PRODUCTIVITY

- Reduces labor costs
- Hands-free cleaning
- Low-supervision cleaning process
- Fully-automated process controlled by PLC

PRECISION CLEANING - FAST & EFFECTIVE

- Cleans a variety of parts and surfaces (metals, plastics, glass, rubber, ceramics, etc.)
- Cleans hard to reach blind holes and cavities

SAFE FOR EMPLOYEES & ENVIRONMENTALLY FRIENDLY

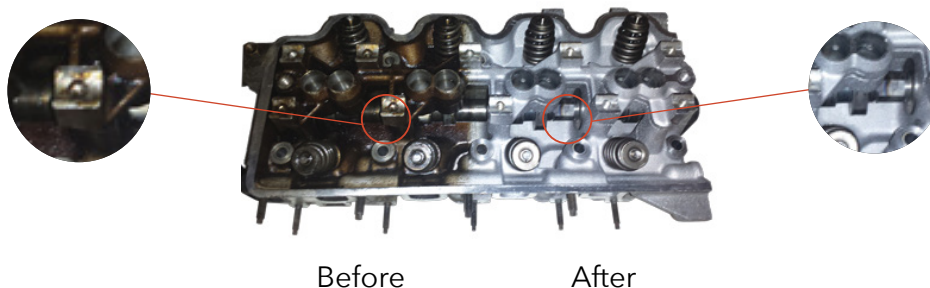
- Replaces hazardous and corrosive cleaning solvents
- Uses biodegradable soaps & hot water only
- Does not emit harmful solvent vapors

MARKETS WE SERVE

- Aerospace & Aviation
- Industrial Machines
- Metal Finishing
- Specialty Cleaning
- Automotive & Transportation
- Medical Equipment
- Printing & 3D Printing
- Tools & Machining

COMMON APPLICATIONS

- Disaster Recovery
- Cleaning & Degreasing Industrial Parts
- Equipment & Tool Maintenance
- Refurbishment & Repair Workshops
- Industrial Manufacturing
- Light-Duty Vehicle & Heavy Equipment Mechanics
- Cleaning Molds
- Polishing & Metal Finishing



BASIC PRINCIPLE OF ULTRASONIC CLEANING

Kresco's ultrasonic cleaning systems are powerful and eco-friendly solutions to clean, degrease and restore parts in a variety of shapes and sizes in minutes using tap water alone or mixed with specialty soaps and cleaning agents.

Ultrasonic cleaning uses cavitation bubbles induced by high frequency sound waves (usually between 20 and 400 kHz) to agitate a fluid. The agitation produces high forces on contaminants adhering to substrates causing them to remove from the surface and cavities.

You can count on Kresco's ultrasonic cleaners to efficiently remove oil, grease, dust, and other hard-to-remove dirt and obtain cleaner parts with fewer efforts.

HOW IT WORKS

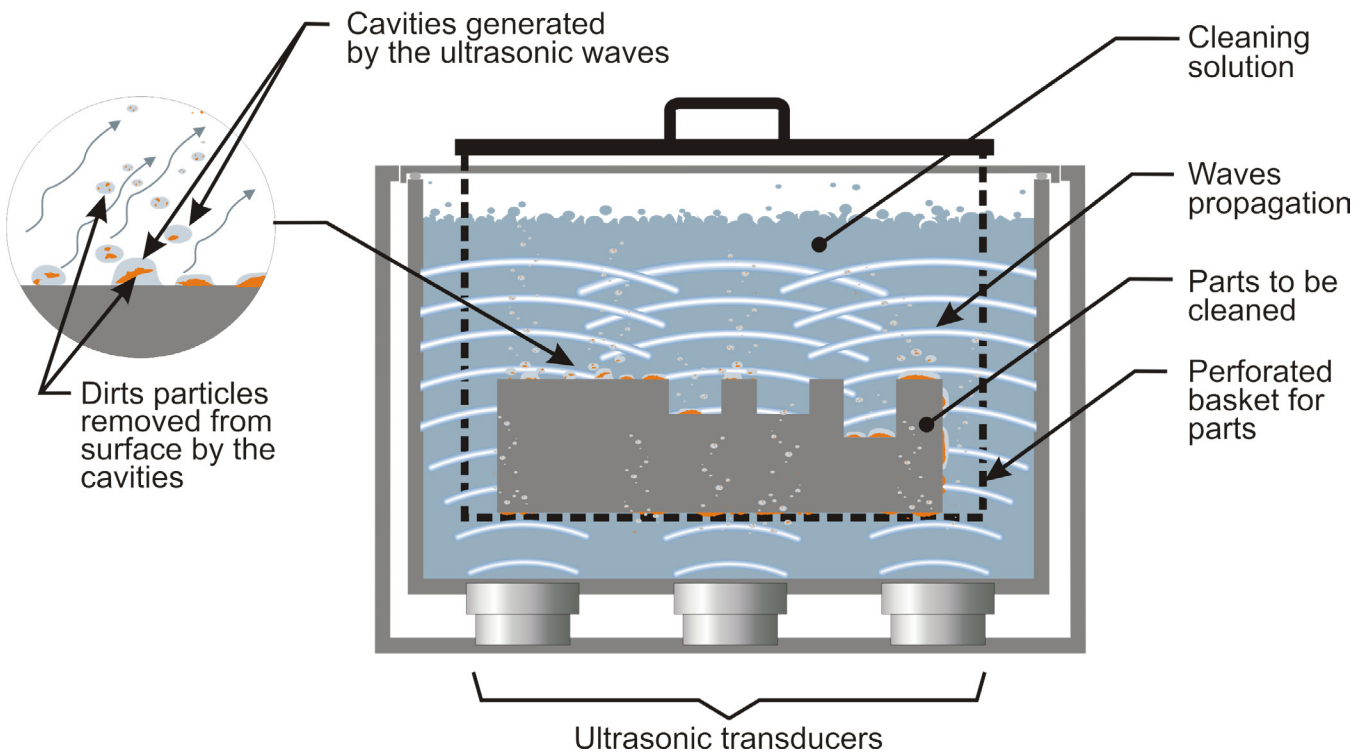


TABLE TOP UNITS



UC907



UC1208



UC1911



UC2012T3

Description	Models			
	UC0907	UC1208	UC1911	UC2012T3
Technical Specifications				
Fluid Capacity	1 gal	3 gal	9 gal	12 gal
Overall Dimensions (L x W x H with open lid)	24" x 13" x 18"	30" x 13" x 18"	43" x 18" x 16"	43" x 14" x 15"
Cleaning Tank Dimensions (L x W x D)	9" x 7" x 9"	12" x 8" x 9"	19" x 11" x 10"	3 tanks: 12" x 7" x 11" (each)
Ultrasonic Power	400 W Peak / 200 W Average	600 W Peak / 300 W Average	1,200 W Peak / 600 W Average	
Heat Power	250 W	500 W	1,000 W	30¼" x 80⅞" x 77½"
Electrical Requirements	120 V			
Basket Dimensions				
Full Basket	7½" x 6" x 9"	11" x 6" x 10½"	17" x 9½" x 9½"	10½" x 7" x 9"
Mesh size	¼", ¼" coated, 1", 1" coated			

MOBILE UNITS



UC2013D



UC2013D2



UC2013DT3



UC3216

Description	Models				
	UC2013	UC2013D	UC2013D2	UC2013DT3	UC3216
Technical Specifications					
Fluid Capacity	16 gal	23 gal			31 gal
Overall Dimensions (L x W x H with open lid)	48" x 25" x 36"	52" x 30" x 36"	104" x 30" x 36"	89" x 29" x 42"	70" x 27" x 36"
Cleaning Tank Dimensions (L x W x D)	20" x 13" x 14" 2 tanks : Wash/Rinse			20" x 13" x 14" (each) 3 tanks: Wash/Rinse/Dry	32" x 16" x 14"
Overflow Tank Dimensions (L x W x D)	20" x 6" x 14"				16" x 8" x 14"
Ultrasonic Power	2,400 W Peak / 1,200 W Average				3,600 W Peak / 1,800 W Average
Heat Power	800 W	1,000 W	2,000 W		1,000 W
Electrical Requirements	120 V		208-240 V		
Basket Dimensions					
Full Basket	18" x 12" x 13½"	18" x 12" x 15½"			27½" x 15" x 14"
Half basket	N / A				15" x 15" x 13½"
Mesh size	¼", ¼" coated, 1", 1" coated				

LARGE INDUSTRIAL SYSTEMS



UC3624/4230



UC3624LT/4230LT



UC6030LT

Description	Models				
	UC3624	UC3624LT	UC4230	UC4230LT	UC6030LT
Technical Specifications					
Fluid Capacity	65 gal		120 gal		240 gal
Overall Dimensions (L x W x H with open lid)	50" x 40" x 40" (add 18" with drain shelf)	62" x 45" x 69" (add 18" with drain shelf)	56" x 40" x 36" (add 24" with drain shelf)	68" x 56" x 75" (add 24" with drain shelf)	92-1/2" x 57" x 99"
Cleaning Tank Dimensions (L x W x D)	36" x 24" x 14"		42" x 30" x 18"		60" x 30" x 26"
Overflow Tank Dimensions (L x W x D)	36" x 6" x 14"		42" x 6" x 18"		Lift table: 53-1/2" x 25" x 23"
Ultrasonic Power	7,200 W Peak / 3,600 W Average		10,800 W Peak / 5,400 W Average		14,400 W Peak / 7,200 W Average
Heat Power	4,000 W			6,000 W (2 x 3,000 W)	12,000 W (2 x 6,000 W)
Electrical Requirements	208-240 V				
Basket Dimensions					
Full Basket	33" x 18½" x 14"		36" x 22" x 18"		N/A
Half basket	16½" x 18" x 16"		18" x 22" x 18"		
Mesh size	½", ½" coated, 1", 1" coated, 2", 2" coated				

ULTRASONIC CLEANER FEATURES & ACCESSORIES

Standard Features

- All polished stainless-steel construction Insulated tank for faster heat up, optimal insulation & energy savings
- Adjustable ultrasonic power with sweep function
- Programmable controls for ultrasonic cleaning cycle (analog timer on UC0907 and UC1208)
- Digital temperature controller
- One full-length parts basket included*
- 40 kHz dual bonded transducers
- Leveling devices for temperature and cycle time
- Easy operation and maintenance
- Lid that forms a drain shelf
- Warranty: 1 Year Parts & Labor

*Two full tank baskets supplied with UC2013D2

Additional Features

- 7-day programmable heat timer to fit your work schedule (starting on UC2013)
- Wheels with locking casters & leveling devices (starting on UC2013)
- Built-in filtration system: dual cartridge with surface skimming and overflow tank (starting on UC3624 and standard on UC2013D/D2/DT3)
- Lift table (available on UC3624LT, UC4230LT, and UC6030LT only)
- Multi-Tank System available

Optional Accessories

- Plasticoat - Plastic Basket Coating
- Custom Compartments
- Oil skimmer with stainless steel belt kit
- Gloves



Range of Full and Half Baskets



Oli Skimmer



Rubber Gloves

CLEANING SOLUTION

Kresco range of cleaning solution provides efficient and economical chemicals for cleaning and degreasing various parts in ultrasonic cleaners, heated immersive tanks, agitation tanks, and manual or automated parts washers.



PRODUCT	DESCRIPTION	TYPE
K1600	All-Purpose Multi-Metal Clean-er/Degreaser	Liquid / Alkaline
K1875	Heavy-Duty Cleaner/Degreaser for Ferrous Metals	Powder / Alkaline

* Available Format: 55-Gal Drum, 5-Gal Pail, 1-Gal Container



Custom Degreasers & Cleaning Agents

Kresco works with major chemical producers to supply special formula that can address specific applications. Our range includes Eco-Friendly Solutions, Light-Duty Cleaners for precious metals, Acide-Based Rust Removers, Surfactants, Emulsifiers, Paint Strip-pers and Corrosion Inhibitors.



Cleaning Solution Test Kit

Our test kits allow to extend the service life of your cleaning solution and reduces the consumption of detergent and the production of wastewater.

Simply test a sample of your cleaning solution and adjust accordingly to obtain desired concentration.

CLEANING SOLUTION DATA SHEET

K1600	
Description	K1600 is a multi-metal cleaner / degreaser designed for industrial cleaning processes by immersion. This product is also recommended for trucks and heavy machinery cleaning, surface cleaning and machined parts. It contains a surfactant and emulsifier degreaser offering increased efficiency with oily dirt, grease, machining fluids and protective films. It also contains a corrosion inhibitor for ferrous and non-ferrous metals.
Applications	Efficient to remove oily residues, greases and cooked greases, carbon or other types of dirt on various ferrous and non-ferrous metals in immersion, ultrasounds, agitation or spray cleaning applications.
Safe On	Aluminum, Magnesium, Zinc, Copper, Brass, Zirconium, Titanium, Steel & Other Ferrous Metals.
Not Recommended For	Precious Metals, Galvanized Steel.
Instructions	<p>Mix K1600 with heated water and expose parts to solution for few minutes up-to one hour at the time. If the part is painted, add small quantity of K8800 Paint Stripper (5% - 10%) to accelerate paint removal. No rinsing needed.</p> <p>Recommended Soap / Water Ratio:</p> <ul style="list-style-type: none"> → Light-Duty and Spray Cleaning Applications: 0.5% - 5% → Heavy-duty Cleaning Applications: 10% - 20% <p>Suggested water temperature: 140-160 °F</p>

K1875	
Description	K1875 is a granular alkaline degreaser, decarbonizer, rust and paint stripper for ferrous metals. It contains a granular mixture of alkalis, wetting agents, sequestrants, and activating agents.
Applications	This powerful solution can be used for heavy-duty application on ferrous metals only.
Safe On	Steel & Other Ferrous Metals, Zirconium, Titanium.
Not Recommended For	Aluminum, Magnesium, Zinc, Copper, Brass, Precious Metals, Galvanized Steel, Some Plastics & Polymers.
Instructions	<p>Mix K1875 with heated or room-temperature water and expose parts to solution for few minutes up-to one hour at the time. Rinse thoroughly after cleaning process. A sustainable rinse in the middle of the cleaning cycle has also been proven efficient to accelerate cleaning and stripping operations. Follow cleaning and rinsing process with a suitable rust preventive process.</p> <p>Recommended Soap / Water Ratio:</p> <ul style="list-style-type: none"> → Typical Degreasing, Decarbonizing and Paint Stripping Applications: 4% - 12% → De-Rusting Applications: 15% - 20% <p>Suggested water temperature: 180-220 °F</p>

Kresco designs, manufactures, and supports industrial equipment for the surface treatment industries. **Kresco** has standard equipment designed for most applications and can customize equipment to meet or exceed your production expectations.

Sandblasting

- Sandblast Booths
- Sandblast Cabinets
- Automated Sandblasting Systems
- Abrasive Reclaiming Systems
- Pressurized Sandblasters
- Dust Collectors

Shotblasting

- Roller Conveyor Blaster
- Rotary Table Blaster/Swing Table Blaster
- Spinner Hanger (Batch)
- Continuous Flow with Monorail
- Rubber and Steel Flight Tumbler Blasters
- Flow Thru Barrel Blasters
- Mesh Belt Continuous Blasters
- Monorail System Blasters
- Rim Blasters
- Preservation Line

Painting

- Paint Spray Booths
- Powder Coating Booths
- Drying Ovens
- Air Make-Up Units

Solvent Recovery

- Batch Solvent Distillers
- Continuous Flow Solvent Distillers
- Oil Cooling Systems

Parts & Consumables

- Blast Nozzles
- Blast Hoses
- Abrasive Media
- Air Valves
- Abrasive Metering Valves
- Cartridge Filters
- Sludge Bags
- Safety Equipment & PPE

Services

- Turnkey Project Design
- Custom Design
- Full Installation
- Start-up Supervision
- Training
- Maintenance
- Retrofit & Upgrade

All systems are designed to build and they are manufactured with the highest quality standards in our manufacturing shop in Quebec, Canada.





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