



REDCROWN

CUSTOMIZED ADVANTAGE



Leading R&D Capabilities

- 65+ Ultrasonic Technology R&D Engineer
- 16+ Years in business



Production Quality Assurance

- 100% Inspection Before Shipment
- 220+ Patents & Certificates



Product Line

- 300+ Number of employees
- 39000+ Building area size (m²)
- 3000+ Daily production (sets)

Redcrown is an ultrasonic cleaning equipment manufacturer integrating R &D, production, sales and service . It specializes in providing ultrasonic cleaning technology solutions for global customers , and is committed to becoming a world-leading "ultrasonic cleaning equipment comprehensive service provider of the whole value chain".

Since its establishment in 2007, we has successfully exported ultrasonic cleaning machines to more than 100 countries and regions, especially the European and American markets, has gained a good reputation in the local market.

2007
Founded in

39000 m²
Factory Area

100+
Patent

100+
Exporting Countries

100,000
Capacity/month

Redcrown Ultrasonic Industrial Ltd.

www.redcrown.top

Email: sales@redcrown.top

Marketing Center

Add.: Pengteng Industrial Park, No.70 Huanzhoubei Road, Tanzhou Town, Zhongshan City, Guangdong



Commercial Benchtop Ultrasonic Cleaner



UPGRADE DIGITAL SERIES
Digital countdown display
Upgraded 20° tilt control panel design
Integrated Semi-wave & Degas function



STANDARD DIGITAL SERIES
Multifunctional customizable
Precise digital display
Auto memory function



MECHANICAL SERIES
Durable and Reliable Construction
Easy mechanical knob operation
Cost-Effective Solution

Commercial Benchtop Ultrasonic Cleaner

Widely use, special for medical and dental labs, scientific labs, industry, electronics and chemical experiments.

- ▶ 304SUS materials, solid and durable.
- ▶ Free stainless steel cleaning basket, better support for cleaning item.
- ▶ Rotate button for temperature and time, controlled by users flexibly.
- ▶ Ultrasonic power cleaning, much more convenient for cleaning blind hole.
- ▶ OEM/ODM wholesale service.

Digital Control Ultrasonic Cleaner



Mechanical Control Ultrasonic Cleaner

Mechanical Series						
Model	JP-010	JP-020	JP-030	JP-031	JP-040	JP-100
Capacity(L)	2.0	3.2	4.5	6.5	10	30
Tank size(mm)	150*135*100	240*135*100	300*150*100	300*150*150	300*240*150	500*300*200
Overall size(mm)	175*160*210	270*165*230	330*175*235	330*175*275	330*270*275	530*330*333
Frequency	40KHz	40KHz	40KHz	40KHz	40KHz	40KHz
Ultrasonic power	80W	120W	180W	180W	240W	600W
Heating power	100W	100W	200W	200W	200W	500W
Timer	0-30min	0-30min	0-30min	0-30min	0-30min	0-30min
Temp setting	20-80°C	20-80°C	20-80°C	20-80°C	20-80°C	20-80°C

Industrial Ultrasonic Cleaner

Single Tank Ultrasonic Cleaner

Our popular industrial ultrasonic cleaning machine, with good quality and high-performance cleaning, make cooperation with Samsung, Hitachi. Save labor, cleaning better.



Double Tank Ultrasonic Cleaner

The 1st tank is equipped with filtration system, which effectively saves water and detergent. Then put the cleaned objects into the 2nd tank to quickly dry for the next process, thus improve the cleaning efficiency!

- 1 1st Tank: Ultrasonic Cleaning
- 2 2nd Tank: Drying(Rinsing/ Spraying/ Drying optional)



Industrial Ultrasonic Cleaner

Multi-Tank Ultrasonic Cleaner

Cleaning Process:Cleaning + Rinsing + Drying

- 1 Put the parts in 1st tank for ultrasonic cleaning with filtration system, cleaning media is tap water with detergent, cleaning time is about 15 minutes.
- 2 After 15 minutes, put the parts in 2nd tank for rinsing to to wash away the cleaning agent and residual stains for a better cleaning effect. Media is only tap water, soaking the parts in 2nd tank about 5 minutes.
- 3 The last cleaning process for drying tank about 5-10minutes.



Curtain Ultrasonic Cleaner

Ultrasonic is a revolutionary method of cleaning your blinds through the use of sound waves. Ultrasonic cleaning is fast, efficient, and completely safe. Our curtain ultrasonic cleaner can clean the vanes of blinds, as well as their cords, ladders, strings, and wands. Giving you with a new blind! Before you decide to replace your blinds, try cleaning them!

Application: Traditional fabric drape, venetian blind, roller shutters, honeycomb shade, cellular shades, honeycomb and pleated shades, roman shade, wood woven shade, bamboo curtain splint, reed screen shade, artificial fiber curtain



Product Features

- ▶ Fast and thoroughly cleaning
- ▶ Saving labor, time, detergent
- ▶ Drying rack between 2 tank
- ▶ Drain board to hold the wet curtain
- ▶ No damage to A2curtain
- ▶ Removing dirt and dust easily
- ▶ With emergency stop switch
- ▶ SUS 304/SUS 316 tank material
- ▶ With water inlet/outlet in suitable place
- ▶ With stainless steel basket
- ▶ Double/Multi frequency is available



Ultrasonic Kitchen Heated Soak Tank



Heated Soak Tank used in Commercial Kitchens and Bakeries to clean Carbon Build up and Fats, Oils & Grease from equipment including aluminum baking pans, hood filters, baking racks, floor mats and more.

Cleaning Effect

Here are the suggested cleaning times for various kitchen items: Pots and pans, roasting pans, bakery trays, and oven racks should undergo an initial soak of 12 hours. Hot plates, grills, gas rings, and cooker tops also require a minimum of 12 hours of soaking. Deep fry baskets need 3 to 4 hours of cleaning, while serving dishes require 1 to 2 hours. Hood filters can be cleaned in about 1 hour.



Household Ultrasonic Cleaner



Classic Series



Mini Portable Series



Multifunctional Series



Medical Series



UV Sterilization Series

applications



Jewelry

Gold, silver, platinum, diamonds, gemstones, glass, plastics, DIY accessories, etc.



Eyeglasses

Glasses, sunglasses, optical lenses, contact lenses, eyeglass accessories, tool molds, etc.



Makeup & Manicure

Makeup brushes, hair tools, razors, manicure knives, nail files, nail clippers, tweezers, etc.



Laboratory & Medical

Glassware, metalware, precision instrument and parts, medical equipment, plasticware, etc.



3D Printing

3D printing models and components, printer internal parts, nozzles, extruders, resin tanks, printing tools, etc.



Dental

Invisalign, braces, mouth guards, aligners, dentures, retainers, dental tools, etc.



Watch

Watch movements, straps, bracelets, cases, dials, clasps, connecting pins, watch tools, etc.



Hardware

Hardware parts, tools, chains, hardware molds, electronic components, etc.



Auto Parts

Motorcycle parts, engine parts, filters, electronic equipment, injectors, carburetors, etc.

Household Ultrasonic Cleaner

Ultrasonic technology in household area

High-frequency ultrasonic vibration shakes out the invisible dirt such as grease, dust, fingerprints, etc. to achieve the purpose of cleaning.

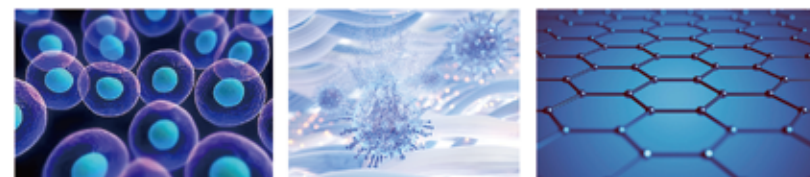


Laboratory Ultrasonic Cleaner

The laboratory ultrasonic cleaner can be used for ultrasonic cleaning, sample pretreatment, ultrasonic water bath, ultrasonic oscillation, emulsification, mixing, extraction, dispersion, clarification, degassing, cell crushing, catalytic reaction, solubilization, acceleration of chemical reactions, viscosity reduction of viscous liquids, semiconductor silicon wafers, new materials and new energy, herb extraction, and high-speed magnetic materials.



Handheld Cell Disruptor

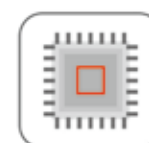


The handheld cell disruptor is a laboratory and multi-scene application ultrasonic processing instrument, which is small in size and convenient to carry, and is convenient for scenes where temporary processing work needs to be performed. It can safely handle various organic and inorganic materials. Typical applications include nanotechnology (production of nano materials and graphene dispersions), cell lysis, sample preparation, homogenization, ChIP Analysis, emulsification, depolymerization, and applications in the field of biochemical treatment.

Automatic Ultrasonic Cleaner

The whole process of the automatic ultrasonic cleaner is fully automatic, and is controlled by a robot arm.

Cleaning range: Mechanical precision hardware, optical, ship, automobile and motorcycle, petroleum and kerosene, photovoltaic, rail transit, aerospace, semiconductor, electronics, mobile phone, battery.



PLC control



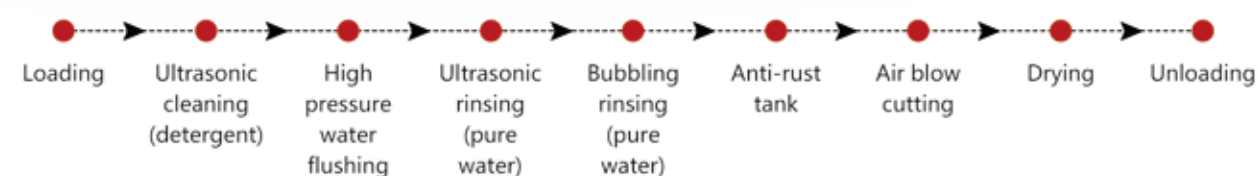
Fully automatic robot arm



Efficient and time-saving



Labor saving



Immersible Ultrasonic Cleaner Transducer Box/ Pack

The ultrasonic transducer box/pack could make side vibration, bottom vibration and top vibration as required, providing 360° cleaning in the water. Fast heat dissipation and protection circuit enhancing the product service life.

The tank or outlook size, material, installation method and outlet location could be customized according to your requirements and cleaning needs.



Submersible Ultrasonic Transducer Bar

The ultrasonic transducer bar uses the radial vibration of the internal transducer to uniformly generate ultrasonic waves around the bar.

The ultrasonic waves generate acoustic cavitation between the solution and the sample to achieve the purposes of cleaning, extraction, chemical reaction, anti-scaling, etc.

Assisted liquid exhaust defoaming



Dispersion and emulsification



Quality Guarrantee



Ultrasonic Power Test



Ultrasonic Sound Intensity Test



Cleaning Penetration Test



Temperature Cycle Test



Ultrasonic Frequency Test



Temperature Life Test



Product Tensile Test



Product Noise Test



Product Drop Test



Temperature & Humidity Test



Salt Spray Test



Simulate Transport Vibration

Applications

Auto Parts



Motor



Hardware



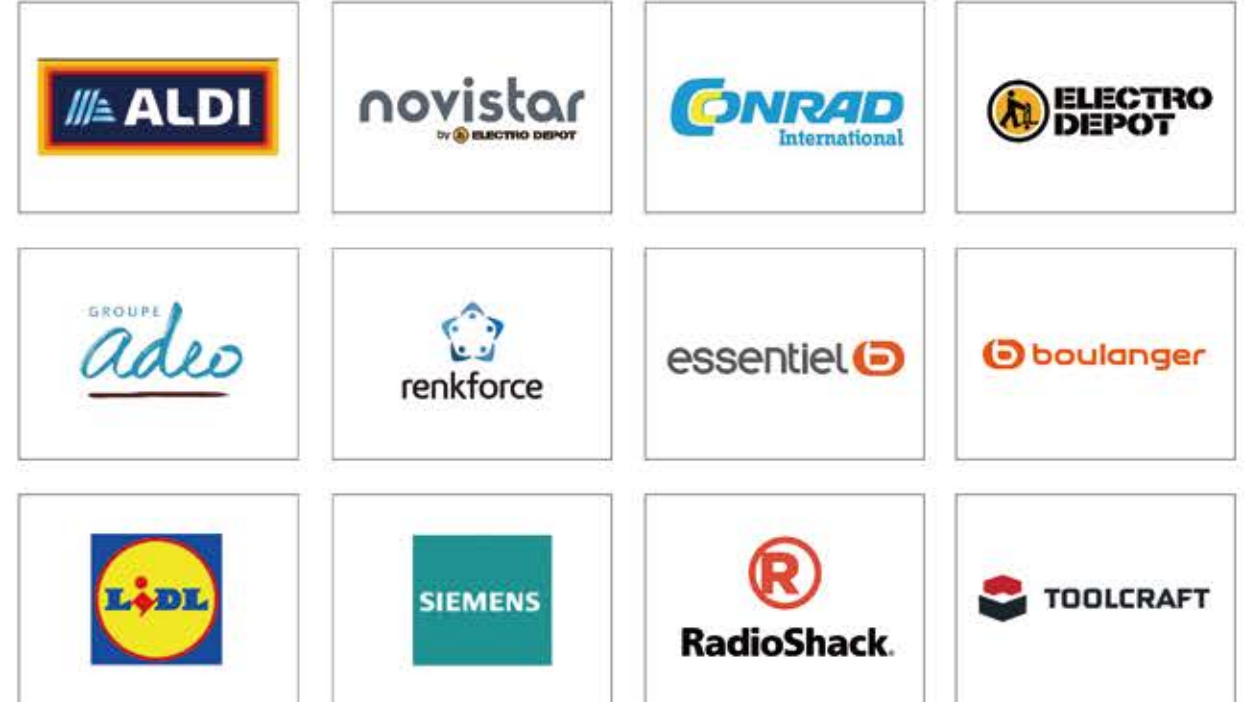
Watch



Phone Parts



Cooperation Partners



Quality Assurance

