

KT series ultrasonic cleaner is an intelligent integrated type ultrasonic cleaning system to wash different components quickly with all-in-one and advanced design. Just plug in and add water, then the user can clean anything they want, without any other installation steps.



**KT Series
with Standard Configuration**



**KT Series
with Lifting & Agitation Function
(Optional)**



**KT Series
with circulation & filtration function
(Optional)**

FEATURES

- Just plug in and add water, then the user can start cleaning, without any other installation steps.
- Cleaning time and temperature can be set easily;
- Ultrasonic power adjustable linearly;
- Emergency stop button is installed;
- Circulation & filtration system is modular optional;
- Ultrasonic transducers are placed in transducer packs, which are easily replaced after end of life;
- KEER new generation circuit board has stronger power and more stable;
- Fast degassing function at the start of the ultrasonic cycle to remove gases from the solution for maximum ultrasonic cleaning performance;
- Auto-tune technology with Sweep and power adjustment for more stable and better effect;
- Full-bridge IGBT module, high pressure resistant & high temperature resistance;
- SUS304 thickening stainless steel, acid-proof and alkali-resisting with long work life;
- Tank body is equipped with thermal & sound insulation, which can avoid heat loss;
- Machine lid with gas struts;
- Fixed foot and casters with brake, easy to fixation and move;
- Electronic components and parts come from world-famous brands.

CONFIGURATION

- Standard Configuration: Stainless steel cleaning tank, stainless steel cleaning basket, ultrasonic generator.
- Optional Configuration: Circulating & filtration system, cleaning detergent, customized power supply.

PACKAGE & WARRANTY

- Package: International Standard Veneer Case
- Warranty: One year

PARAMETERS

- Ultrasonic Frequency: 20 / 28 / 40 KHZ, Single
- Standard Voltage: 220V/50Hz, 1Ph+PE or 380V/50Hz, 3Ph+N+PE.

Model	Tank Inner Size	Tank Outside Size	Effective Liquid Level	Effective Tank Capacity	Ultrasonic Power	Heating Power	Overflow Function	Ultrasonic Direction
KT-900E	380x270x350mm	520x410x600mm	350mm	36L	0.9 KW	2 KW	X	Bottom
KT-1200E	500x350x350mm	640x490x600mm	350mm	61L	1.2 KW	3 KW	X	Bottom
KT-1500E	600x400x400mm	740x540x600mm	400mm	96L	1.5 KW	4 KW	X	Bottom
KT-1800E	650x450x400mm	790x590x600mm	400mm	117L	1.8 KW	4 KW	X	Bottom
KT-2400E	700x480x400mm	840x620x600mm	400mm	134L	2.4 KW	5 KW	✓	Bottom
KT-2800E	800x500x450mm	940x640x650mm	450mm	180L	2.8 KW	6 KW	✓	Bottom
KT-3600E	1000x550x450mm	1140x690x650mm	450mm	247L	3.6 KW	8 KW	✓	Bottom
KT-2400	600x480x450mm	760x770x680mm	390mm	112L	2.4 KW	4 KW	✓	Three Sides
KT-3000	750x550x480mm	910x850x770mm	390mm	160L	3.0 KW	8 KW	✓	Three Sides
KT-4000	1000x550x560mm	1160x850x870mm	420mm	231L	4.0 KW	12 KW	✓	Three Sides
KT-6000	1200x650x650mm	1400x1030x980mm	490mm	382L	6.0 KW	15 KW	✓	Three Sides
KT-8000	1450x720x730mm	1650x1190x1100mm	570mm	595L	8.0 KW	18 KW	✓	Three Sides
KT-10800	1500x800x800mm	1700x1280x1150mm	640mm	768L	10.8 KW	30 KW	✓	Three Sides
KT-12000	1700x900x800mm	1960x1450x1150mm	640mm	979L	12.0 KW	45 KW or Steam	✓	Three Sides
KT-24000	2500x1200x1000mm	2800x1800x1350mm	840mm	2520L	24.0 KW	90 KW or Steam	✓	Three Sides

APPLICATIONS

It can be used for different sized metal, plastics, ceramics parts for prewashing, inter-operational washing, or final washing, with the possibility of anti-corrosive protection to removes oil, grease, chips, mud, production slag of the surface of parts.

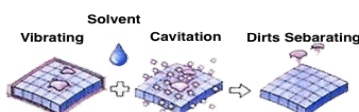
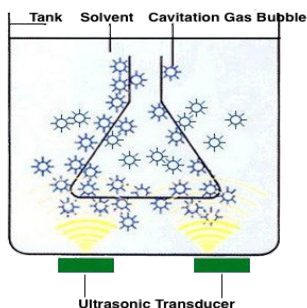
TYPICAL APPLICATIONS:

- Machinery Industry
- Repair and Maintenance Industry
- Automotive, Railway, Ship, Aerospace Industry
- General Engineering Industry
- Surface treatment & Processing Industry
- Electronic & Semiconductor Industry
- Precision Metal Industry
- Photovoltaic Solar Industry
- Optical & Glassware Industry
- Medical Industry
- Printing Industry
- Food Industry

ULTRASONIC CLEANING THEORY

Ultrasonic cleaners generate ultrasonic waves that create millions of tiny bubbles through the process of cavitation. The bubbles gently clean and polish any surface they come in contact with, even inaccessible areas, penetrating every nook and cranny to dislodge trapped dirt and debris. The cleaning objects will be quickly restored to their original luster without expending any effort. The gentle cleaning action ideal for delicate items, too.

Therefore, ultrasonic cleaning method is the best cleaning method than others, because its cleaning efficiency is highest, cleaning result is the best without any trace of physical cleaning and scratches.



ULTRASONIC FREQUENCY

Frequency is suggested based on cleaning objects' material and pollutants in the objects.

Simply to say, higher precision cleaning objects, higher frequency is better.

We can provide three ultrasonic frequency options:

- 20Khz: This frequency is strongest, better for hard and strong metals with heavy oil and dirty.
- 28Khz: This frequency is stronger, widely used for different metal with heavy oil and dirty, such as car/motor/truck/vessel/metal parts, to remove oil, grease, dirt, pastes, etc.
- 40Khz: This frequency is gentle, better for high precision goods and fragile goods, such as PCB boards, electronic parts, optical elements, glasses and jewelry, etc.

HOW TO CHOOSE A GOOD ULTRASONIC CLEANER

- Frequency: Choose the suitable ultrasonic frequency according to the above suggestions.
- Inner size of cleaning tank: It should be bigger than cleaning objects' size.
- Core element: The core element of an ultrasonic cleaner is ultrasonic transducer. The quality of ultrasonic transducer influences the service life of an ultrasonic cleaner greatly.
- Ultrasonic power: For the same inner size of cleaning tank, the ultrasonic power is bigger, the cleaning effect will be better. For the same ultrasonic power, the inner size of cleaning tank is smaller, the cleaning effect will be better.



Add: Building F7, Yinfeng International Biocity, No. 1177 Chunlan Road, Jinan, China.

Contact us: info@keerclean.com • www.keerclean.com