

# Ultrasonic Cleaners

## Overviews

Welso ultrasonic cleaners have 6 series, Ultra-E with low noise is best choice for laboratory use. Ultra-A with adjustable power is the most cost-effective model. Ultra-D with dual frequency is designed for pharmaceutical applications. Ultra-L with 28Khz low frequency is ideal for disperse, mixing and emulsifying. Ultra-H with 80KHz high frequency is widely used in cleaning surface with gloss finish or precision components. Ultra-P with high power is mainly for industrial cleaning applications.

## Features

- Cleaning tanks are made of SUS304 which has good water-proof performance.
- Adjustable working time (1~999mins) for different applications
- Special draining device for easy draining of cleaning liquid.
- Adjustable cleaning temperature from room temperature to 80°C.
- Plexiglass panel which is fingerprint proof and acid alkali proof.
- LCD display which shows time, power and temperature separately.
- Germany-made microprocessor assures stable and high performance.
- Aluminum block at the bottom for better heat dissipation which guarantees long lifetime of cleaners.

## Application



### Laboratory

Degas, disperse, mix, emulsify samples as well as glassware cleaning.



### Jewellery

Cleaning of gold, silver, platinum jewelry and diamond.



### Industry

Cleaning of electronics, auto-mobile parts and refinement parts.



### Medical

Surgical and medical accessories and instruments as well as dental devices.



### Watch

Cleaning of watch mechanical parts, watch bracelets and other parts.



### Optics

Cleaning of optical parts, glasses and all joints.

# Ultrasonic Cleaners

## Ultra-E series



Noise is 30% lower than most brands, it is ideal for laboratory use.

Model	Tank Dimension L*W*X (mm)	Clean Dimension L*W*X (mm)	Capacity (L)	Ultrasonic Power (W)	Frequency (KHz)	Heating Power (W)	Time Setting (min)	Temperature (°C)
WSE220	240*145*100	265*165*245	3	100	40	200	1-999/On	RT-80
WSE320	300*150*150	325*175*295	6	150	40	200	1-999/On	RT-80
WSE520	300*240*150	330*270*295	10	200	40	300	1-999/On	RT-80
WSE250	300*240*150	330*270*295	10	250	40	300	1-999/On	RT-80
WSE300	300*240*150	330*270*295	10	300	40	300	1-999/On	RT-80
WSE400	330*300*150	355*325*295	15	400	40	400	1-999/On	RT-80
WSE500	500*300*150	530*330*295	22.5	500	40	500	1-999/On	RT-80
WSE600	500*300*150	530*330*295	22.5	600	40	500	1-999/On	RT-80
WSE700	500*300*150	530*330*295	22.5	700	40	500	1-999/On	RT-80
WSE800	500*300*200	530*330*345	30	800	40	500	1-999/On	RT-80

## Ultra-D series



Ultra-D series Can realize easy switch of 28KHz and 45KHz which is widely used in pharmaceutical applications.

Model	Tank Dimension L*W*X (mm)	Clean Dimension L*W*X (mm)	Capacity (L)	Ultrasonic Power (W)	Frequency (KHz)	Heating Power (W)	Time Setting (min)	Temperature (°C)
WSD220	240*145*100	265*165*245	3	100	28/45	200	1-999/On	RT-80
WSD320	300*150*150	325*175*295	6	150	28/45	200	1-999/On	RT-80
WSD520	300*240*150	330*270*295	10	200	28/45	300	1-999/On	RT-80
WSD250	300*240*150	330*270*295	10	250	28/45	300	1-999/On	RT-80
WSD300	300*240*150	330*270*295	10	300	28/45	300	1-999/On	RT-80
WSD400	330*300*150	355*325*295	15	400	28/45	400	1-999/On	RT-80
WSD500	500*300*150	530*330*295	22.5	500	28/45	500	1-999/On	RT-80
WSD600	500*300*150	530*330*295	22.5	600	28/45	500	1-999/On	RT-80
WSD700	500*300*150	530*330*295	22.5	700	28/45	500	1-999/On	RT-80
WSD800	500*300*200	530*330*345	30	800	28/45	500	1-999/On	RT-80

## Ultra-L series



Ultra-L series with fixed 28KHz low frequency is mainly for dispersing, mixing, emulsifying and degassing samples.

Model	Tank Dimension L*W*X (mm)	Clean Dimension L*W*X (mm)	Capacity (L)	Ultrasonic Power (W)	Frequency (KHz)	Heating Power (W)	Time Setting (min)	Temperature (°C)
WSL220	240*145*100	265*165*245	3	100	28	200	1-999/On	RT-80
WSL320	300*150*150	325*175*295	6	150	28	200	1-999/On	RT-80
WSL520	300*240*150	330*270*295	10	200	28	300	1-999/On	RT-80
WSL250	300*240*150	330*270*295	10	250	28	300	1-999/On	RT-80
WSL300	300*240*150	330*270*295	10	300	28	300	1-999/On	RT-80
WSL400	330*300*150	355*325*295	15	400	28	400	1-999/On	RT-80
WSL500	500*300*150	530*330*295	22.5	500	28	500	1-999/On	RT-80
WSL600	500*300*150	530*330*295	22.5	600	28	500	1-999/On	RT-80
WSL700	500*300*150	530*330*295	22.5	700	28	500	1-999/On	RT-80
WSL800	500*300*200	530*330*345	30	800	28	500	1-999/On	RT-80

## Ultra-H series



Ultra-H series with 80KHz frequency ensures good penetrability which is ideal for cleaning precision components.

Model	Tank Dimension L*W*X (mm)	Clean Dimension L*W*X (mm)	Capacity (L)	Ultrasonic Power (W)	Frequency (KHz)	Heating Power (W)	Time Setting (min)	Temperature (°C)
WSH220	240*145*100	265*165*245	3	100	80	200	1-999/On	RT-80
WSH320	300*150*150	325*175*295	6	150	80	200	1-999/On	RT-80
WSH520	300*240*150	330*270*295	10	200	80	300	1-999/On	RT-80
WSH250	300*240*150	330*270*295	10	250	80	300	1-999/On	RT-80
WSH300	300*240*150	330*270*295	10	300	80	300	1-999/On	RT-80
WSH400	330*300*150	355*325*295	15	400	80	400	1-999/On	RT-80
WSH500	500*300*150	530*330*295	22.5	500	80	500	1-999/On	RT-80
WSH600	500*300*150	530*330*295	22.5	600	80	500	1-999/On	RT-80
WSH700	500*300*150	530*330*295	22.5	700	80	500	1-999/On	RT-80
WSH800	500*300*200	530*330*345	30	800	80	500	1-999/On	RT-80

## Ultra-P series



Ultra-P series with high power is designed for industrial cleanings.

Model	Tank Dimension L*W*X (mm)	Clean Dimension L*W*X (mm)	Capacity (L)	Ultrasonic Power (W)	Frequency (KHz)	Heating Power (W)	Time Setting (min)	Temperature (°C)
WSP220	240*145*100	265*165*245	3	160	80	200	1-999/On	RT-80
WSP320	300*150*150	325*175*295	6	240	80	200	1-999/On	RT-80
WSP520	300*240*150	330*270*295	10	320	80	300	1-999/On	RT-80
WSP250	300*240*150	330*270*295	10	400	80	300	1-999/On	RT-80
WSP300	300*240*150	330*270*295	10	480	80	300	1-999/On	RT-80
WSP400	330*300*150	355*325*295	15	640	80	400	1-999/On	RT-80
WSP500	500*300*150	530*330*295	22.5	800	80	500	1-999/On	RT-80
WSP600	500*300*150	530*330*295	22.5	960	80	500	1-999/On	RT-80
WSP700	500*300*150	530*330*295	22.5	1120	80	500	1-999/On	RT-80
WSP800	500*300*200	530*330*345	30	1280	80	500	1-999/On	RT-80

## Ultra-A series



Ultra-A series is the most cost effective series with adjustable power which is also suitable for laboratory use.

Model	Tank Dimension L*W*X (mm)	Clean Dimension L*W*X (mm)	Capacity (L)	Ultrasonic Power (W)	Frequency (KHz)	Heating Power (W)	Time Setting (min)	Temperature (°C)
WSA220	240*145*100	265*165*245	3	100	40	200	1-20/On	RT-80
WSA100	300*150*100	325*175*230	4	100	40	200	1-20/On	RT-80
WSA320	300*150*150	325*175*295	6	150	40	200	1-20/On	RT-80
WSA520	300*240*150	330*270*295	10	200	40	300	1-20/On	RT-80
WSA250	300*240*150	330*270*295	10	250	40	300	1-20/On	RT-80
WSA300	300*240*150	330*270*295	10	300	40	300	1-20/On	RT-80
WSA400	330*300*150	355*325*295	15	400	40	400	1-20/On	RT-80
WSA500	500*300*150	530*330*295	22.5	500	40	500	1-20/On	RT-80
WSA600	500*300*150	530*330*295	22.5	600	40	500	1-20/On	RT-80
WSA700	500*300*150	530*330*295	22.5	700	40	500	1-20/On	RT-80
WSA800	500*300*200	530*330*345	30	800	40	500	1-20/On	RT-80