



ULTRASONIC CLEANERS

GENERAL INTRODUCTION

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.



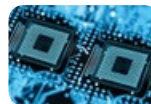
Laboratory

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.

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)
WSE220	240*145*100	265*165*245	3	160	80	200	1-999/On	RT-80
WSE320	300*150*150	325*175*295	6	240	80	200	1-999/On	RT-80
WSE520	300*240*150	330*270*295	10	320	80	300	1-999/On	RT-80
WSE250	300*240*150	330*270*295	10	400	80	300	1-999/On	RT-80
WSE300	300*240*150	330*270*295	10	480	80	300	1-999/On	RT-80
WSE400	330*300*150	355*325*295	15	640	80	400	1-999/On	RT-80
WSE500	500*300*150	530*330*295	22.5	800	80	500	1-999/On	RT-80
WSE600	500*300*150	530*330*295	22.5	960	80	500	1-999/On	RT-80
WSE700	500*300*150	530*330*295	22.5	1120	80	500	1-999/On	RT-80
WSE800	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

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