

# DTY Multi-frequency ultrasonic cleaning machine

ULTRASONIC CLEANER

CE PATENT NUMBER: ZL200920114749.3

The design of the equipment is based on the users' requirement of ultrasonic power, ultrasonic frequency, ultrasonic time. Having the following functions: cleaning, decentralized extraction, nano-preparation, chemical reactions, degassing, defoaming, emulsification, mixing etc.. It has broken the traditional cleaning pattern by the single-frequency washing machine. Through multi-frequency conversion 25KHz, 28KHz, 40KHz and 59KHz, the whole process of perfunctory washing, washing in clean water, precision cleaning and rinse is complete within a single machine, giving a thorough cleaning to the washing objects with the result that no fine and stubborn dirt is left anywhere.

## FEATURES

- Background light LCD screen
- Microcomputer memory setting parameters
- The ultrasonic working time set up independently: 0-99 minutes adjustable
- Multi-frequency conversion: 25KHz, 28KHz, 40KHz, 59KHz
- Display working countdown time
- Display actual temperature of the cleaning tank
- Temperature setting range: Ambient Temperature-80°C
- Timing range: 0-999 minutes adjustable
- Equipped with a special stainless steel basket, reduction sound cover
- The shell and cover are made of stainless steel
- The equipment controlled by single-chip controller
- With Drainage function

## TECHNICAL PARAMETERS

Model	Inner tank (mm)L/W/H	Volume L	Frequency KHz	Ultrasonic power W	Heating power W	Rack	Drainage
SB-300DTY	300*240*150	10	25 28 40 59	300	800	√	√
SB-400DTY	300*240*200	15		400	800	√	√
SB-500DTY	500*300*150	22.5		500	1000	√	√
SB-600DTY	500*300*200	30		600	3000	√	√
SB-1000DTY	600*300*300	54		1000	4000	√	√
SB-1200DTY	600*400*300	70		1200	5000	√	√



Notice: With the heating function of the ultrasonic cleaner, after heating the temperature than the actual display temperature 2-8 °C for thermostatic ultrasonic, optional ultrasonic thermostatic ultrasonic cleaner.

# DTS Series of Dual-Frequency Ultrasonic Cleaning Machine

CE PATENT NUMBER: ZL200920114749.3

## FEATURES

- Interchangeable use of two kinds of frequencies: 25KHz, 40KHz
- Digital display and setting ultrasonic cleaning time
- Display working countdown time
- Display actual temperature of the cleaning tank
- Temperature setting range: Room temperature--80°C
- Timing range: 1-99999 minutes adjustable
- Equipped with a special stainless steel basket, reduce sound cover
- The shell and cover are made by stainless steel
- The equipment controlled by Single-chip controller
- The latest working parameters can be stored in memory after power-off

## TECHNICAL PARAMETERS

Model	Inner tank (mm)L/W/H	Volume L	Frequency KHz	Ultrasonic power W	Heating power W	Drainage
SB-3200DTS	300*155*150	6	25/40	180	400	/
SB-5200DTS	300*240*150	10	25/40	200	800	√
SB-5200DTS	300*240*150	10	25/40	250	800	√
SB-5200DTS	300*240*150	10	25/40	300	800	√
SB-4200DTS	300*240*200	14.4	25/40	400	800	√
SB25-12DTS	500*300*150	22.5	25/40	500	1000	√
SB25-12DTS	500*300*150	22.5	25/40	600	1000	√
SB-800DTS	500*300*200	30	25/40	800	1000	√

The new dual-frequency ultrasonic cleaner has a pulse time function, dedicated to degassing



## SBL SERIES THERMOSTATIC ULTRASONIC CLEANER

SBL ultrasonic constant temperature cleaning machine is a special instrument specially developed for the needs of constant temperature, ultrasonic chemical reaction, chemical synthesis, biopharmaceutical synthesis, biological material degradation, reorganization, traditional Chinese medicine extraction, temperature controlled cleaning of precision instrument components. The instrument is composed of ultrasonic, imported closed fluorine-free compressor, 304 stainless steel heater, 304 stainless steel tank, microcomputer control, large screen liquid crystal display, drain valve, basket, stainless steel cover and other components.

The instrument is easy to use, and the ultrasonic power, ultrasonic time, and reaction temperature can be set. Working parameters, power-off memory, and temperature accuracy of  $\pm 2\text{ }^{\circ}\text{C}$  are unattainable by ordinary ultrasonic, and can meet different experimental requirements of experimenters.



## TECHNICAL PARAMETERS

Model	Inner tank (mm)L/W/H	Fre (KHz)	(L)	Tem ( $^{\circ}\text{C}$ )	Ultra power (W)	Heating power (W)	Cooling (W)	Timer (min)	Manual/ Auto/inlet/ outlet	Cover/ basket
SBL-10DT	300*240*150	40	10	5-90	360	350	250	1-999	Manual	√
SBL-15DT	300*240*200	40	14	5-90	480	500	280	1-999	Auto	√
SBL-22DT	500*300*150	40	22	5-90	720	800	300	1-999	Manual	√
SBL-30DT	500*300*200	40	30	5-90	840	1200	350	1-999	Manual/Auto	√
SBL-54DT	600*300*300	40	54	5-90	1000	2800	500	1-999	Manual/Auto	√
SBL-72DT	600*400*300	40	72	5-90	1200	3800	750	1-999	Manual/Auto	√
SBL-90DT	600*500*300	40	90	5-90	1500	4800	1125	1-999	Manual/Auto	√
SBL-108DT	600*600*300	40	108	5-90	1800	6000	2250	1-999	Manual/Auto	√