



Application Fields

- Cleaning of consumables such as glassware, centrifuge tubes; degassing of liquid reagents; sample crushing, homogenization, dispersion
- Thorough cleaning and restoration of watches, precious metals and gems, chains and other jewelry
- Deep cleaning of precision bearings, fuel injectors, metal and plastic workpieces, removal of dust and grease
- Cleaning and disinfection of medical equipment such as surgical and dental instruments
- Removal of oil and dust from optical microscope lenses, camera lenses, and quartz precision glassware

Working Principle

By means of the transducer, the acoustic energy of the power ultrasonic source is converted into mechanical vibration, and the ultrasonic wave is radiated into the cleaning solution in the tank through the cleaning tank wall. Due to the radiation of the ultrasonic wave, the microbubbles in the liquid in the tank can rapidly grow and burst under the action of the sound wave. The high-intensity shear force generated by the burst acts on various types of samples, achieving cleaning, extraction, emulsification, accelerated dissolution, pulverization, dispersion and other effects.



Ultrasonic Cleaner | Product Introduction

In addition to its inherent cleaning function, Ultrasonic cleaner DH-5200D also has multiple functions such as extraction, emulsification, accelerated dissolution, crushing, and dispersion. It is widely used in the manufacturing and maintenance cleaning of industries such as machinery, electronics, plastics, instruments, environmental protection, pharmaceuticals, packaging, military, aerospace, ships, and automobiles. It is also used for cleaning experimental materials such as pipettes and vessels, degassing treatment before chromatography, and cleaning of medical equipment, materials, and utensils. It is suitable for cleaning jewelry, watches, precious metals, gemstones, coins, glasses, and other items.

Product Features

- ◆ Power Failure Protection: Memory function for working parameters in case of power failure
- ◆ Digital Display Screen: Digital display for ultrasonic cleaning time setting and countdown display for working time
- ◆ Adjustable Time: Total working time can be set from 1-600 minutes
- ◆ High-Quality Material: The inner and outer shell of the instrument and the sound-reducing cover are made of high-quality stainless steel

Technical Parameters

Model	Capacity (L)	Frequency (KHz)	Ultrasonic Power (W)	Adjustable Time	Drainage	Mesh Basket	Tank (L.W.H)	Packing Size (mm)
DH-50	0.8	40	50	1-120	/	/	145*80*65	230*170*250
DH-50	1.2	40	50	1-120	/	/	145*80*100	230*170*250
DH-80	2	40	80	1-120	/	/	155*140*100	240*230*300
DH-100D	4.5	40	100	1-600	/	Available	300*150*100	400*240*435
DH-120D	3	40	120	1-600	/	Available	240*140*100	325*230*300
DH-120D	5	40	120	1-600	/	Available	240*140*150	325*230*350
DH-3200D	6	40	180	1-999	/	Available	300*155*150	400*240*380