



#### 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

Through the transducer, the acoustic energy of the power ultrasonic source is converted into mechanical vibration, which is then radiated into the cleaning solution in the tank through the tank wall. Due to the radiation of ultrasonic waves, the microbubbles in the liquid in the tank can quickly grow and burst under the action of the sound waves. The high-intensity shear force generated during the bubble collapse acts on various types of samples, achieving the functions of cleaning, extraction, emulsification, accelerated dissolution, pulverization, dispersion, etc.



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#### Sonic Cleaners | Product Introduction

Sonic Cleaners DH-3200DTD is mainly used in the fields of regular cleaning, extraction, emulsification, mixing, degassing, dispersion, etc. Its advantages include a large LCD screen displaying adjustable time, power, and temperature, and the instrument has a memory function for working parameters after power-off, making it convenient for direct call-up and data query. It is widely used in laboratories, mechanical and electrical industries, jewelry, dental and medical industries, optics, and other fields.

#### Product Features

- ◆ Power-off protection: Working parameter power-off memory function
- ◆ Digital display screen: Displays remaining time and actual temperature in the tank
- ◆ Adjustable time: 1-999 min total working time setting
- ◆ Heating function: Adjustable range at room temperature to 80°C
- ◆ Adjustable power: Power 40%-100% adjustable
- ◆ High-quality: material The inner and outer shells and the soundproof cover of the instrument are made of high-quality stainless steel.

#### Technical Parameters

Model	Capacity (L)	Frequency (KHz)	Ultrasonic Power (W)	Power Adjustable(W)	Drainage	Mesh Basket	Tank Size (L.W.H)	Heating Power(W)	Temperature Adjustable (°C)
DH-3200DTD	6	40	180	40~100%	/	Yes	300*155*150	400	Room Temp~80
DH-5200DTD	10	40	240	40~100%	Yes	Yes	300*240*150	800	Room Temp~80
DH-5200DTD	10	40	360	40~100%	Yes	Yes	300*240*150	800	Room Temp~80
DH-4200DTD	14.4	40	480	40~100%	Yes	Yes	300*240*200	800	Room Temp~80
DH25-12DTD	22.5	40	600	40~100%	Yes	Yes	500*300*150	1000	Room Temp~80
DH25-12DTD	22.5	40	720	40~100%	Yes	Yes	500*300*150	1000	Room Temp~80
DH-800DTD	30	40	840	40~100%	Yes	Yes	600*300*200	1000	Room Temp~80