

**SLAP TYPE
HOMOGENIZER**



Optional Accessories (Stand / Homogenizing Bag)

Model	Material	Sample	Position Size
DS01	Iron Plate with Plastic Coating	5	280x160x120mm
DS02	Stainless Steel	10	340x210x200mm

- ◆ Large touch screen, microcomputer control, capable of storing 12 sets of working programs, easy operation.
- ◆ Homogenization time and speed are adjustable or fixed, and the homogenizer's front-back distance is adjustable.
- ◆ Standard configuration includes sterile disposable homogenizing bags for hygiene and safety assurance.
- ◆ Fully open door design for easy cleaning. Built-in photoelectric sensor stops operation when the door is opened (anti-pinch function).
- ◆ Removable viewing window, adjustable homogenizing plate, and tempered glass safety door for easy observation and operation.
- ◆ No contact between samples and homogenizer, no system cleaning required if there is no sample leakage.
- ◆ Gentle homogenization startup, voice alarm, contamination-free samples, no damage, no temperature rise, no need for sterilization, no need for dishwashing.



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STERILE
HOMOGENIZER

Product Introduction

Sterile Homogenizer / slap type homogenizer

Slap type homogenizer, it is widely used for homogenization processing of animal tissues, biological samples, etc. It can be applied in various fields including food, pharmaceuticals, cosmetics, clinical research, molecular biology, toxin and bacteria testing. It is particularly suitable for preparing samples for microbiological testing. This device utilizes a stainless steel system to effectively separate solid sample surfaces from microorganisms contained within the sample. The sample is placed in a disposable sterile homogenizing bag, ensuring no contact with the instrument. It features gentle homogenization, contamination-free samples, no damage, no temperature rise, no need for sterilization, and no requirement for dishwashing. It meets the demands for rapid, accurate results with good repeatability. This product is also suitable for homogenizing tumor tissues (such as liver cancer, colorectal cancer, stomach cancer, breast cancer), providing a large number of single cells (up to 2x10⁵ in 2 minutes). When necessary, by extending the homogenization time, soft tissue cell disruption (such as liver) can be achieved.

Model	DH-08S(Standard)	DH-09S(Sterilization)	DH-11L (Heating & Sterilization)
Tapping Speed	3-12 times/second, actual tapping count displayed, system automatically adjusts tapping speed		
Program Segments/Storage	3 groups of multi-segment programming combination		12 groups of multi-segment programming combination
Temperature Control Range	/	/	Room temperature +5~60°C (Maximum 80°C)
Disinfection Function	/		UV pre-disinfection for the working chamber; (Disinfection wavelength: 253.7nm)
Tapping Interval	0-50mm adjustable		
Tapping Housing	Stainless steel + corrosion-resistant coating		
Effective Volume	3-400ml		
Sterile Bags*	17x30cm		
Timing Range	0.1-99 minutes 59 seconds or continuous operation		
Power Rating	200W	200W	500W
Product Weight	18kg	19kg	20kg
Dimensions	420*245*390mm		
Input Voltage	110/220V		

*Instrument Configuration: Comes with 50 standard sterile homogenizing bags (17x30cm) by default, optional accessories include pressure-sealed/fully filtered/half-filtered types.