

PHJ-4AB

4 Holes Magnetic Stirring Water Bath Pot



PHJ-4A

4 Holes Magnetic Stirring Water Bath Pot



Features

- This instrument is a new product that combines a water bath and a magnetic stirrer. It has two functions: water bath heating and magnetic stirring.
- Stepless speed regulation or instrument setting speed, program-controlled integrated voltage stabilizing and boosting circuit, the speed is stable and not affected by voltage fluctuations.
- It adopts advanced electronic technology and intelligent dual digital display configuration to improve temperature control accuracy. LED temperature control digital display makes the readings intuitive and accurate, making it more convenient to use. Microcomputer temperature control RT-100°C , accuracy $\pm 0.1^\circ\text{C}$. The studio water tank is made of high-quality 304 stainless steel (with water level scale), which has good corrosion resistance. The porous stirring can be controlled independently without interfering with each other.
- The heater adopts a special molding process, immersed ring heating, and even heat-

ing. Suitable for experiments at the same temperature and different speeds. With a unique insulation and heat dissipation system, it can work for a long time at high temperatures of 100 degrees.

- The stirrer is made of polytetrafluoroethylene and high-quality magnetic steel, which is resistant to high temperature, wear and chemical corrosion, and has strong magnetism.
 - The new 4- and 6-position water baths are designed with drain outlets for easy drainage. The screw-less design on the countertop avoids the old-fashioned drilling and fixing installation method. The countertop will not rust in the future, and there will be no water infiltration into the electrical box.
- The entire series uses brushless motors, which can operate at a low speed of 50 rpm. The AB series has a liquid crystal display that can display real-time temperature and set temperature, real-time speed and set speed. It can work continuously for a long time and avoid running out of carbon brushes. The phenomenon
- The instrument uses a LCD color screen with high brightness for easy observation. It has 30-segment programming mode, which can cycle up to 99 times. It can work intermittently in forward and reverse directions. The program controls the heating and cooling rates. The diversified design truly realizes the multi-purpose of one machine.
 - Multiple safety protections. When the temperature in the pot is 50 degrees higher than the set temperature, the power supply can be automatically cut off to protect the safety of the experiment. It can also be equipped with an optional float ball. When the water level is lower than the water level, the power supply can be automatically cut off to avoid dry burning.
 - An external sensor probe and fixed bracket are optional. When the probe is plugged in, the temperature inside the beaker is displayed. When the plug is unplugged, the temperature of the liquid in the pot is displayed, making it easier to experiment.
 - Optional magnetic levitation secondary stirring device can realize simultaneous stirring of the solution in the pot and beaker, increasing the temperature uniformity.
 - An optional beaker clamp bracket set is also available, which is suitable for three-neck round-bottomed beakers and is convenient for fixing and clamping.



Technical Parameter

Model	PHJ-4A	PHJ-4AB
Number of holes	4hole	
Operating Voltage	220V/50HZ	
Rotating speed	0-2400rpm	50-2400rpm
Motor Power	40W*4	
Motor configuration	Brushless Motor	
Working size	Single pot diameter 22CM, height 13CM, heating ring inner diameter: 16CM (can hold beakers less than 16cm in diameter)	
Timing range	Type A series timing range: 0--999min, Type AB series timing range: 0-9999min	
Temperature range	Water bath: RT+5--100 °C Fluctuation: ± 0.5 °C	
Heating power	1600W	
Maximum mixing volume	2000ml*4	
Drain outlet	Yes	
Temperature Sensor	Default: built-in probe, optional external sensor + sensor bracket	

The maximum mixing volume can also be customized according to customer needs;
Product dimensions are subject to manual measurement and errors are inevitable. The actual product will be subject to receipt!