

HJ-5A Multifunctional Thermostatic Laboratory Stirrer/Mixer



Basic Info

- Model NO.: HJ-5A
- Trademark: JY
- Origin: Changzhou, China

- Type: Magnetic Stirrer
- Specification: 1 pc in 1 box

Product Description

Multifunctional Laboratory Magnetic and Electric Stirrer

1. Both magnetic and electric stirrer, temp LED display, easy to use
2. ISO13485/14001/9001, SGS Audited
3. Since 1984

Multifunctional Stirrer, an ideal essential device for laboratories, is widely applied in colleges and universities, environment protecting, researching, sanitation, antiepidemic, petroleum, metallurgy, chemical and medical units.

A **magnetic stirrer** or **magnetic mixer** is a laboratory device that employs a rotating magnetic field to cause a stir bar (also called “flea”) immersed in a liquid to spin very quickly, thus stirring it. The rotating field may be created either by a rotating magnet or a set of stationary electromagnets, placed beneath the vessel with the liquid. Since glass does not affect a magnetic field appreciably (it is transparent to magnetism), and most chemical reactions take place in glass vessels (i.e. see beaker (glassware) or laboratory flasks), magnetic stir bars work well in glass vessels. On the other hand, the limited size of the bar means that magnetic stirrers can only be used for relatively small (under 4 liters) experiments. They also have difficulty dealing with viscous liquids or thick suspensions. For larger volumes or more viscous liquids, some sort of mechanical stirring is typically needed.

| Specifications of HJ-5A Multifunctional Stirrer/Electric Mixer | |
|----------------------------------------------------------------|------------------------|
| Power Supply | AC 220V/110V 50Hz/60Hz |
| Temp control range | RT-100celsius |
| Heating power | ≤ 200W |
| Magnetic stirring speed | 0-2400rpm |
| Magnetic motor power | 30W |
| Electric stirring speed | 0-3000rpm |
| Electric motor power | 80W |
| Timer | No |

