

IV. Cautions

1. To assure your safety, please use three phase electrical outlet and make it grounded in use.
2. If the stirring liquid splashed on the disk, please switch off the power immediately. Otherwise the motor and elements will be damaged.
3. Keep the instrument neat after use. Switch off the power if not using for long time and turn off the switch to avoid accident.

HJ-6A Magnetic Stirrer Hotplate

Manual



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I. Introduction

HJ-6A magnetic stirrer hotplate is with 6 working positions. It is an ideal analytical detector for liquid heating and stirring, special in thermostatic automatically regulating. With DC motor, it possesses many advantages, such as lower noise, less mechanical breakdown and stable timing. The stirrer bar is coated with teflon and high-quality alnico, so it is heat-resistant, abrasive resistant, anti-corrosive with high speed stirring. It is also efficient to mix and stir the liquid in the airtight vessel.

II. Technical index

1. Power supply: AC 220V 50HZ
2. Max vessel capacity: (20 ~ 2000 ml)×6
3. Power of motor: 25W×6
4. Heating power: 150W×6
5. Speed range: 0-2400rpm(adjustable continuously)
6. Temperature control: ambient+5-100°C (±1°C)

7. Time range: 0 ~ 120min

III. Methods of Usage

1. Turn on the switch of the power, the pilot lamp is light. Rotate the potential governor clockwise to make the rotation speed of stirring from slow to fast. Stop rotating if the speed is enough as required.

2. If need heating to control the temperature, turn on the switch of heating. Clockwise turn is to rise the temperature, and anti-clockwise turn is to cool. Adjust it to the required value. If the pilot lamp for heating and thermostat is light, which means it is working.

3. If the stirrer bar jumping in the operation, switch off the power and then switch on again. Adjust the speed from slow to fast, then it will be in gear.

4. If need timing, just adjust to the needed time. If not, please turn the knob to “ON”. Timer is used to control the motor speed, not the power.