



Magnetic Stirrer

Magnetic Stirrer

Technical parameters

Model	KM-07A3	KM-09A5	KM-09A12	KM-07B3	KM-09B5	KM-09B15	KM-09C15
Max mix capacity	3	5	12	3	5	15	15
Speed range	100 – 1600rpm (2000 option)						
Heating power	400W	600W	700W	400W	600W	700W	—
Input power	500W	650W	750W	500W	650W	750W	50W
Solution control temp.	RT+5 – 200°C			—			—
Platform control temp.	—			RT+5 – 320°C			—
Control temp accuracy	±0.3°C			±0.5°C			—
Timer range	1-99:59(99h59min)						
Platform size (mm)	130×130	180×180	180×180	130×130	180×180	180×180	180×180
Overall size W×D×H (mm)	155×250×110	210×330×130	210×330×130	155×250×110	210×330×130	210×330×130	210×330×130
Net weight	4Kg	5Kg	5Kg	3.5Kg	4.5Kg	4.5Kg	4.5Kg

Note: Measured by H₂O, the viscosity of the liquid will vary from stirring capacity.



Magnetic stirrer to measure liquid temp.



Hot plate

Application

The magnetic stirrer rotates the rotor through the rotation of the base, realizes the mixing of the liquid and solid mixture. During stirring, it comes with platform heating, which control temp stable and speed up the rate of mixing or solid solution, and improve the reaction speed of chemical experiments. It is widely used in biology, medicine, chemistry and other fields.

Features

- LCD screen, menu operation interface, temp, rotation speed and count down timer etc parameters display at one screen. It is easy to understand and operate.
- Micro computer control assures the speed remains stable with constantly changing stirring viscosity.
- Stirring speed is controlled and stable, it can fast achieve liquid mixing and solution and solid mixture mixing .
- Aluminium die-cast housing cover, high temperature-resistant and anti-corrosion, easy to clean.
- Platform is made of one molding aluminium alloy materials. It has both good thermal effect, but also have corrosion resistance, smooth platform is easy to clean, no contaminants stay.
- Large output torque, suitable for mixing low viscosity large capacity or high viscosity small capacity liquid.(Different types of different capacities)
- There is a corrosion-resistant guide groove above the control panel, even if the liquid overflows during stirring, it doesn't cause damage to the electronics in the agitator.

Safety protection

- Temperature deviation protection: A/B series measured temperature over set temperature certain value(3°C – 30°C), it stops heating.
- Over-temp. protection: When platform temp is over Max. set temp, it stops heating power.
- High temperature light indication : when platform temp. is over 50°C , indication light flashes to remind user can't touch the platform.
- Special protection: Anti-burn cover (option)

Ceramic magnetic stirrer classification

- Constant temp. magnetic stirrer: A series with external temp. sensor, it can detect and control liquid temp. in the container.
- Heating magnetic stirrer: B series platform temp. max reach 400°C