

Magnetic Stirrers (Ceramic Platform)



Application

Magnetic stirrer is working by micromotors driving high temperature-resistant, powerful magnets rotating, create rotating magnetic field to lead the agitator in the container to stir, mix or assist heating the liquid in the container so that the solution can be fully mixed at the set temperature. It can be widely used in biological, pharmaceutical and chemical fields.

Feature

Humanization design

- 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.
- Aluminium die-cast housing cover, high temperature-resistant and anticorrosion, easy to clean.
- Platform is made of one molding ceramic 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.
- Brushless DC motor, work more stably, long life and control more accurate.

Safety protection

- Temperature deviation protection:07A/B and 09A/B T series measured temperature over set temperature certain value(0°C-30°C), it stops heating.
- Extreme ultra-temp. protection: When platform temp is over set temp, it stop heating power.
- Anti-hot warming light: 07A/B and 09A/B T series platform temp. over 55°C , warming light flash to remind user can't touch the platform.
- Special protection: Anti- hot cover (Option)

Ceramic magnetic stirrer classification

- Constant temp. magnetic stirrer: 07A and 09A T series with outer temp. sensor, it can detects and controls liquid temp. in the container, precise and reliable.
- Heating magnetic stirrer:07B and 09B T series platform temp. max reach 400°C
- Magnetic stirrer:09C T series no heating function, only stir.

Model	BM-07A3T	BM-07B3T	BM-09A5T	BM-09B5T	BM-09A12T	BM-09B15T	BM-09C10T	BM-09C15T
Max mix capacity	3	3	5	5	12	15	10	15
Stirring speed, no grade adjustment	200~2000rpm							
Heating power	400W	400W	800W	800W	1200W	1200W	-	-
Input power	500W	500W	900W	900W	1300W	1300W	100W	100W
Solution control temp.	RT+5~200℃	-	RT+5~200℃	-	RT+5~200℃	-	-	-
Platform control temp.	-	RT+5~320℃	-	RT+5~320℃	-	RT+5~400℃	-	
Control temp accuracy	±5℃	±15℃	±5℃	±15℃	±5℃	±15℃	-	
Platform size(mm)	100×100		180×180					
Overall size W×D×H(mm)	150×250×110		210×330×130					
Net weight	4.5Kg	4Kg	5.5Kg	5Kg	5.5Kg	5Kg	5Kg	5Kg

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

Round Platform Magnetic Stirrers

Application

Magnetic stirrer is working by micromotors driving high temperature-resistant, powerful magnets rotating, create rotating magnetic field to lead the agitator in the container to stir, mix or assist heating the liquid in the container so that the solution can be fully mixed at the set temperature. It can be widely used in biological, pharmaceutical and chemical fields.

Feature

Humanization design

- 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 anticorrosion, 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:08A/B series measured temperature over set temperature certain value(0 °C -30 °C), it stops heating
- Extreme ultra-temp. protection: When platform temp is over set temp, it stop heating power
- Anti-hot warming light: 08A/B series platform temp. over 55°C, warming light flash to remind user can't touch the platform
- Special protection: Anti- hot cover (Option)

Ceramic magnetic stirrer classification

- Constant temp. magnetic stirrer: BM-08A series with outer temp. sensor, it can detects and controls liquid temp. in the container, precise and reliable
- Heating magnetic stirrer:BM-08B series platform temp. max reach 400°C
- Magnetic stirrer:BM-08C series no heating function

Model	BM-08A3	BM-08B3	BM-08C5
Max mix capacity	3		3
Stirring speed, no grade adjustment	200~2000rpm		
Heating power	550W		-
Input power	600W		50W
Solution control temp.	RT+5~200°C	-	-
Platform control temp.	-	RT+5~400°C	-
Control temp accuracy	±5°C	±15°C	-
Platform size (mm)	Φ145		
Overall size W×D×H(mm)	150×250×130		
Net weight	4.0Kg	3.5Kg	

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

Magnetic Stirrers (Rectangular Platform)

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.



Feature

Humanization design

- 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 anticorrosion, 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

- 50% increase in temperature tolerance with the latest optocoupler materials.
- Temperature deviation protection: 09A/B series measured temperature over set temperature certain value(0 °C -30 °C), it stops heating.
- Extreme ultra-temp. protection: When platform temp is over set temp, it stop heating power.
- Anti-hot warming light: 09A/B series platform temp. over 55°C , warming light flash to remind user can't touch the platform.
- Special protection: Anti- hot cover (Option)

Ceramic magnetic stirrer classification

- Constant temp. magnetic stirrer: BM- 07A and BM-09A series with outer temp. sensor, it can detects and controls liquid temp. in the container, precise and reliable.
- Heating magnetic stirrer:BM-09B series platform temp. max reach 400°C

Magnetic Stirrer (Rectangle Platform)

Model	BM-07A3	BM-09A5	BM-09A12	BM-07B3	BM-09B5	BM-09B15
Max mix capacity	3	5	12	3	5	15
Stirring speed, no grade adjustment	200~2000rpm					
Heating power	450W	550W	600W	450W	550W	600W
Input power	500W	600W	650W	500W	600W	650W
Solution control temp.	RT+5~200°C			-		
Platform control temp.	-			RT+5~320°C		RT+5~450°C
Control temp accuracy	±5°C			±15°C		
Platform size (mm)	130×130	180×180	180×180	130×130	180×180	180×180
Overall size W×D×H (mm)	150×250×110	210×330×130	210×330×130	150×250×110	210×330×130	210×330×130
Net weight	4.0Kg	5.0Kg	5.0Kg	3.5Kg	4.5Kg	4.5Kg

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