



Magnetic Stirrer (Round platform)



Magnetic stirrer to measure liquid temp.



Hot plate

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.

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
- Magnetic stirrer: C series no heating function, only stirring.

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Technical parameters

Model	KM-08A3	KM-08A8	KM-08B3	KM-08B8	KM-08C5	KM-08C12
Max mix capacity	3	8	3	8	5	12
Speed range	100 – 1600rpm (2000 option)					
Heating power	550W	900W	550W	900W	–	–
Input power	600W	950W	600W	950W	50W	50W
Solution control temp.	RT+5 – 200°C		–		–	
Platform control temp.	–		RT+5 – 320°C	RT+5 – 400°C	–	
Control temp accuracy	±0.3°C		±0.5°C		–	
Timer range	1-99:59(99h59min)					
Platform size (mm)	Φ 145					
Overall size WxDxH(mm)	155x250x120	155x250x130	155x250x120	155x250x130	155x250x120	155x250x130
Net weight	4Kg	5Kg	3.5Kg	4Kg	3.5Kg	4Kg

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