

## AM Series of Magnetic Stirrers

The product's working theory uses micro electrical machinery driving the heatproof magnet to spin and create a magnetic field. This magnetic field will drive the stir bar to spin solvent in the container. Meanwhile, it can heat the solvent for the reaction at the set temperature. This product is widely applied in biology, medicine, chemistry, chemical engineering and other fields.

### AM-3250A Magnetic Stirrer



A



B



C

- ◆ Constantly adjustable stirring speed and heating temperature (the adjustable step of AM-3250B is 10C).
  - ◆ The case is made of a special strengthen burn-proof plastic which is of heat-proof, corrosion resistant and organic solvent resistant.
  - ◆ Heating plate is made out of aluminum alloy and coated with Teflon, provides all of excellent heat conducting ability, heat/cold proof and corrosion resistant.
  - ◆ Double heat insulation design is applied in the bottom of the heating plate that can improve the heating efficiency and can avoid the heat transmitting to the case.
  - ◆ The onetime shaping case and the convex design on the up side can prevent the electronic parts damaging from spilling solvent.
  - ◆ AM3250B stirrer's unique design can choose, control and display the plate's temperature. It also can control the solvents' temperature in the container through AM-PT100 temperature sensor.



## AM-5250 Magnetic Stirrer



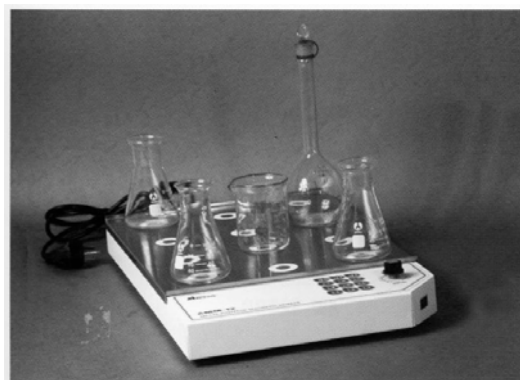
**In addition, AM-5250 also has these following advantages:**

- ◆ Uses DC Motor to drive stir bar.
- ◆ Can gradually adjust speed from 0~1500rpm.
- ◆ Speed of the stir bar is independent from flocculation of power.
- ◆ The heating plate's temperature can go up to 380°C.
- ◆ The stir bar can go clockwise or counter clockwise (the alternate time can be 0.5~3.0mm).



	AM-3250A	AM-3250B	AM-3250C	AM-5250A	AM-5250B	AM-5250C
Rotation speed (rpm)	100-1700					
Max. stirring volume (L)	10					
Temp. control	Ambient ~ 300°C	Ambient ~ 199°C	Ambient ~ 199°C	Ambient ~ 199°C	Ambient ~ 199°C	Ambient ~ 199°C
Max. temp. for heating plate	300°C	300°C	300°C	350°C	350°C	350°C
Temp. control mode	Electrical	Digital	No. dialing	Electrical	Digital	Digital
Temp. accuracy		±2°C	±2°C		<±2°C	<±2°C
Outside PT-100 conductor	No	Yes	Yes	No	Yes	Yes
Clockwise & counterclockwise rotation	No	No	No	No	No	Yes
Heating plate diameter (mm)	150	150	150	150	150	150
Max. heating power (W)	250	250	250	350	350	350
Power supply	220V/50Hz					
Outside size (mm)	198Wx225Dx115H					
Weight (kg)	2.4	2.4	2.4	2.4	2.4	2.4

### AMM Multi-position Magnetic Stirrer



AMM-12 Multi-position magnetic stirrer