



MAGNETIC STIRRER

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Magnetic stirrer series offers many work modes, Strong magnetism, 30° bevel control panel, Brushless DC motor for convenient operations. Automatic reverse rotation for better-mixing result. Slip-proof and stable. Programmable memory can store nine common set S1 ~ S9, Meet the different kinds of experimental demands.

Used in Cell Culture, Laboratory, Research, Medical.

Also known as Laboratory Magnetic Hotplate Stirrer, Digital Magnetic Stirrer.

BMGS-101 MAGNETIC STIRRER



Distinct designed. Small and exquisite. Simple operation.

Long using life with no carbon brush motor.

Speed regulation stepless, large range of speed.

Strong magnetism to avoid stirrer jumping.

Convenient and portable.

Meet different kinds of experimental demands.

SPECIFICATIONS

Model	BMGS-101
Capacity	Max. Capacity-250 ml
Speed Range	0-2500 RPM
Platform Material	Plastic
Platform size	φ88 mm
Stirrer Dimension	8x46 mm
Motor Input/output	1.2W/0.8W
Dimension	110x110x70 mm
Weight	1.2 Kg
Power	<12W
Power Supply	DC12V 1A

BMGS-104 MAGNETIC STIRRER



Metal exterior, high strength, high temperature and corrosion proof.

TFT LCD screen holographic display speed, starting and ending time, number of cycles and programming node.

DC stepper motor, stable performance, low noise, long life.

A variety of operating modes, including constant stirring, stirring cycle and so on.

Programmable memory can store nine common set S1 ~ S9 , a key switch calls.

30 ° bevel control panel for sitting and standing position perspective.

Magnetic mixing technology, low-speed smooth, designed specifically for cell culture which requires low speed stirring.

Low shear gradual acceleration and stopping cell growth protection.

SPECIFICATIONS

Model	BMGS-104
Capacity	Max. Stir Capacity-3 L
Stirring Positions	1
Speed Range	5~200 rpm Step 1 rpm
Platform Material	Stainless Steel
Dimension	180x283x88 mm
Weight	2.2 Kg
Power Supply	100-240V,50-60Hz

BMGS-105 MAGNETIC STIRRER



Speed range of 0-1500 rpm

Max. stirring quantity 20L

Stainless steel with ceramic coated hotplate resists to corrosion

Motor with electronic speed control, constant speed even during changes in load

High magnetic adhesion, prevent the stirrer bar escape

Enclosed assembly with protection class IP42 and

DC brushless motor guarantees long service

SPECIFICATIONS

Model	BMGS-105
Capacity	20 L
Speed Range	0~1500 rpm
Temperature	5-40°C
Humidity	0.8
Motor Input/output	18W/10W
Work Plate Size	135 mm
Stirrer Dimension	80 mm
Platform Material	Stainless steel with ceramic coating
Speed Display	Scale
Motor Type	Brushless DC motor
Protection Class	IP42
Dimension	160x280x85 mm Package Size (WxDxH)-210x345x160 mm
Weight	3 kg
Power	30 W
Power Supply	AC100/200V±10%, 50/60Hz

BMGS-106 MAGNETIC STIRRER



Speed range of 100-1500 rpm
Max. stirring quantity 3L
LED display set and actual speeds
Microprocessor control technology guarantees speed control accuracy
ABS casing with fire retardant material, resistance of weak acid and alkali

SPECIFICATIONS

Model	BMGS-106
Capacity	20 L
Speed Range	100~1500 rpm
Temperature	5-40°C
Humidity	0.8
Motor Input/output	5W/3W
Work Plate Size	135 mm
Stirrer Dimension	50 mm
Platform Material	Plastic
Speed Display	LED
Motor Type	DC motor
Protection Class	IP42
Dimension	150x260x80 mm Package Size (WxDxH)-220x295x180 mm
Weight	2 kg
Power	15 W
Power Supply	AC100/200V±10%, 50/60Hz

BMGS-107 MAGNETIC STIRRER



Speed range of 0-1500 rpm
Maximum stirring quantity 3L
ABS casing with fire retardant material, resistance of weak acid and alkali

SPECIFICATIONS

Model	BMGS-107
Capacity	3 L
Speed Range	0~1500 rpm
Temperature	5-40°C
Humidity	0.8
Motor Input/output	5W/3W
Work Plate Size	135 mm
Stirrer Dimension	50 mm
Platform Material	Plastic
Speed Display	Scale
Motor Type	DC motor
Protection Class	IP42
Dimension	150x260x80 mm Package Size (WxDxH)-220x295x180 mm
Weight	2 kg
Power	10 W
Power Supply	AC100/200V±10%, 50/60Hz

BMGS-108 MAGNETIC STIRRER



Speed range of 0-1500 rpm
 Maximum stirring quantity 10 L
 Glass ceramic plate, excellent chemical resistance and easy to clean

SPECIFICATIONS

Model	BMGS-108
Capacity	10 L
Speed Range	0-1500 rpm
Temperature	5-40°C

BMGS-109 MAGNETIC STIRRER



Speed range of 15-1500rpm
Automatic reverse rotation for better mixing result
High IP protection class (IP 65)
Set-up plate is made from chemically resistant materials
Slip-proof and stable

SPECIFICATIONS

Model	BMGS-109
Capacity	0.8 L
Speed Range	15-1500 rpm
Temperature	5-40°C
Humidity	Permissible Relative Humidity-0.8
Motor Input/output	5W/3W
Maximum Load Capacity	2 kg
Work Plate Size	90x90 mm
Platform Material	ABS
Protection Class	IP65
Dimension	175x120x15 mm
Weight	0.3 kg
Power Supply	110-240V, 50/60 Hz

BMGS-110 MAGNETIC STIRRER

Available for heating and stirring standard/non-standard reaction flasks between 50 ml and 20 L.

DC brushless motor make stable operation, low noise, long using life and no spark.

Metal plate shell, firm and durable, thermostability and anti-corrosion.

The control panel designed 30° slopes for convenient operation.

Steady working at low speed, powerful working at high speed.

SPECIFICATIONS

Model	BMGS-110
Capacity	Max. stirring amount (H ₂ O)-20 L
Stirring Positions	1
Speed Range	100-1800 rpm
Time Range	1 min~99h59min
Platform size	φ137 mm

Platform Material	Stainless Steel
Max. Size of Stirrer Stick	80 mm
Dimension	156x270x70 mm
Weight	2.7 Kg
Fuse	250V,1A ϕ 5x20
Power	30 W
Power Supply	AC 100~230V, 50/60 Hz

BMGS-202 MAGNETIC STIRRER



PID for temperature control. Two display windows. High precision measurement. Low overshoot($\leq \pm 5^{\circ}\text{C}$). Single button operation

Inner and outer PT1000 for thermometry. Semiconductor technology control output. With couple broken protection function

Stirring types are available for heating or stirring standard/non-standard reaction flasks from 50ml to 20L

DC brushless motor makes stable operation, low noise, long using life and no spark

Using specially made ceramic disc heating surface, beauty, anti-corrosion and easy to clean

30 ° slope control panel, suitable for seated and standing point of view.

Adopt metal shell, high strength, quick heat dissipation, anti - corrosion

Unique heating method, the surface maximum temperature can reach 340°C

Magnetic stirring technology, low speed steady, high speed strong

SPECIFICATIONS

Model	BMGS-202
Capacity	Max. Stir Capacity-20 L
Temperature	Temp. Range-R.T.+5°C~340°C Temp. setting range-30°C~340°C Temp. Stability- $\pm 3^{\circ}\text{C}$
Speed Range	200~1200 rpm
Time Range	0~99h59 min
Stirring Positions	1
Max. Size of Stirrer Stick	80 mm
External Interface Temp. Sensor	PT1000
Adjustable Safety Loop Min Temp	50°C
Adjustable Safety Loop Max Temp	350°C
Dimension	160x270x90 mm (WxDxH)
Weight	2.3 Kg
Fuse	250V,4A/8A, ϕ 5x20
Platform size	Φ 137 mm
Platform Material	Enamel
Power	600 W
Power Supply	AC220V, 50/60Hz

OPTIONAL ACCESSORIES

Accessory Code	Name
3400608006	Support rod and temperature probe

BMGS-203 MAGNETIC STIRRER



PID for temperature control. Two display windows. High precision measurement. Low overshoot($\leq \pm 5^{\circ}\text{C}$). Single button operation

Inner and outer PT1000 for thermometry. Semiconductor technology control output. With couple broken protection function

Stirring types are available for heating or stirring standard/non-standard reaction flasks from 50ml to 20L

DC brushless motor makes stable operation, low noise, long using life and no spark

Using specially made ceramic disc heating surface, beauty, anti-corrosion and easy to clean

30° slope control panel, suitable for seated and standing point of view.

Adopt metal shell, high strength, quick heat dissipation, anti - corrosion

Unique heating method, the surface maximum temperature can reach 340°C

Magnetic stirring technology, low speed steady, high speed strong

TP-350+ , 10 programs can be preset

TP-350+ Adopts 4.3-inch color screen holographic display, which is convenient and intuitive

SPECIFICATIONS

Model	BMGS-203
Capacity	Max. Stir Capacity-20 L
Temperature	Temp. Range-R.T.+5°C~340°C Temp. setting range-30°C~340°C Temp. Stability- $\pm 3^{\circ}\text{C}$
Speed Range	80~1800 rpm
Time Range	1min~99h59 min
Stirring Positions	1
Max. Size of Stirrer Stick	80 mm
External Interface Temp. Sensor	PT1000
Adjustable Safety Loop Min Temp	50°C
Adjustable Safety Loop Max Temp	350°C
Dimension	160x270x90 mm (WxDxH)
Weight	2.4 Kg
Fuse	250V,4A/8A, $\phi 5 \times 20$
Platform size	$\Phi 137$ mm
Platform Material	Enamel
Power	600 W
Power Supply	AC220V, 50/60Hz

OPTIONAL ACCESSORIES

Accessory Code	Name
3400608006	Support rod and temperature probe

BMGS-204 MAGNETIC STIRRER



Ultra-light and Ultra-thin, easy to store and save laboratory space
Advanced non-wearing magnetic coil technology, quieter and more stable operation, longer service life.
Can use mobile power supply, convenient for outdoor use, not limited by experimental conditions
Counter clockwise and clockwise counter clockwise stirring functions can be switched to make
the stirring more uniform and meet a variety of experimental needs.
The LCD screen displays the parameters in real time, the LED indicator shows the working status, and the instrument running status is more intuitive.
Touch buttons and sliding touch adjustment, durable, novel and stylish.
Dust and water proof, high protection level (IP65).

SPECIFICATIONS

Model	BMGS-204
Capacity	Max. stirring amount (H ₂ O)-1 L
Speed Range	20 ~ 1500 rpm
Time Range	0 ~ 9hours (0 is forever)
Speed Display	LCD
Platform Material	PVC
Platform size	φ110
Clockwise/counter clockwise stirring intermittent time (except single direction stirring)	45s/5s
Dimension	110x180x14.5 mm
Weight	0.18 Kg
Power Supply	DC 5V 2A
Protection Class	IP rating-IP63

BMGS-201 MAGNETIC STIRRER



Can stir 50ml-20L standard or non-standard reaction bottles
Equipped with silicone pad upon the working surface, the shell is made of metal, high strength, high temperature resistance, corrosion resistance
Brushless DC motor, stable performance, low noise, long life and no sparks
Exquisite and compact design of the whole machine, 30° bevel control panel is suitable for sitting and standing viewing angles
Digital display speed and time
High magnetic flux design, strong mixing ability, adopt no motor drive mode, low noise

SPECIFICATIONS

Model	BMGS-201
Capacity	Max. Stirring Volume-20 L

Max. Size of Stirrer Stick	80 mm
Stirring Positions	1
Time Range	0~99h59 min
Speed Range	200~1600 rpm
Platform size	Φ137 mm
Platform Material	Silicone pad
Dimension	160x270x70 mm (WxDxH)
Weight	1.88 kg
Power	20 W
Fuse	250V, 1A, φ5x20
Power Supply	AC220V 50/60Hz



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