

Stirrer
 Hotplate Magnetic Stirrer



Features:

- * Digital temperature control, maximum temperature up to 120°C
- * The maximum speed of stepless speed regulation can reach 2600rpm
- * DC brushed motor, low noise, stable speed regulation
- * The stirring bar is made of fluorine material and high-quality magnetic steel, which has the characteristics of high temperature resistance, wear resistance, chemical corrosion resistance and strong rotation force.
- * Mixing work can be carried out in a sealed container, and the reference is simple and convenient
- * The appearance is simple and beautiful, the body is exquisite and compact, light in weight, and does not occupy the laboratory space

Technical Parameters:

Model	BK-MS120
Motor Type	DC brushed motor
Control Temp. Range	RT-120°C
Stirring Speed	0-2600rpm, stepless
Stirring Power	5W
Heating Power	250W
Temp. Display	LED
Timing Range	0-120min
Heating Platform Material	Stainless Steel
Platform Size	φ125mm
Max Capacity	3L
Temp. Sensor	NTC standard
Ambient Temp. &Humidity	5-40°C, <80%
Power Supply	100-240V 50/60Hz
External Size	240*180*110mm
Net Weight	1.8kg
Packing Size	310*260*180mm
Gross Weight	2.4kg



Features:

- * The maximum speed can reach 1600rpm
- * Stainless steel ceramic coated work plate is extremely chemical resistant
- * The external temperature sensor PT1000 can be connected to accurately control the sample temperature, and the temperature control accuracy can reach ±0.5°C
- * LED display shows temperature and speed in real time
- * Safety circuit design, automatic power off when the heating plate is overheated, to protect the safety of the laboratory
- * PID precise speed regulation, smoother speed up process, more precise speed control
- * The appearance is simple and beautiful, the body is exquisite and compact, light in weight, and does not occupy the laboratory space

Technical Parameters:

Model	BK-MS280	BK-MS340
Motor Type	DC brushless motor	
Control Temp. Range	RT-280°C	RT-340°C
Stirring Speed	150-1600rpm	
Stirring Power	5W	
Heating Power	550W	600W
Temp. Display	LED	
Rotation Display	LED	
Heating Platform Material	Stainless Steel with ceramic coating	
Platform Size	φ135mm	
Max Capacity	3L	
Temp. Sensor	PT1000, standard	
Ambient Temp. &Humidity	5-40°C, <80%	
Power Supply	100-240V 50/60Hz	
External Size	280*175*105mm	
Net Weight	3.4kg	
Packing Size	360*260*180mm	
Gross Weight	4kg	

Hotplate Magnetic Stirrer



Features:

- * The heating plate is treated with ceramic, which is corrosion-resistant, easy to clean and has a long service life.
- * Use brushless DC motor; low noise and long life
- * The stirrer adopts high-temperature resistant and strong magnet.
- * The body is made of high-quality materials and the polymer high-temperature-resistant shell is durable.

Technical Parameters:

Model	BJPX-SC10-2
Disk Material	Aluminum disc ceramic coating
Working Surface Size	170*170mm
Motor Type	Brushless DC motor
Maximum Mixing Capacity	3L
Rotation Range	0-2000rpm
Temperature Control Range	RT-100℃
Temperature Display Resolution	0.1℃
Temperature Control Resolution	1℃
Temperature Sensor	PT100 (Standard)
Heating Power	360W
Motor Power	5W
Power Supply	Standard: 220V/50Hz; optional:110V 60Hz
Machine Size (mm)	305*176*120
Net Weight (kg)	2.5
Packing Size (mm)	370*240*180
Gross Weight (kg)	3.2



Features:

- * Use ceramic heating plate, corrosion-resistant, easy to clean, long service life
- * Use brushless DC motor; low noise and long life
- * The stirrer adopts high temperature resistance and strong magnetism.
- * The body is made of high-quality materials and the polymer high-temperature-resistant shell is durable.
- * With timing, forward and reverse, locking and other functions

Technical Parameters:

Model	BJPX-SC11-Pro
Disk Material	Ceramic coated aluminum disc
Working Surface Size	φ140mm
Motor Type	Brushless DC motor
Maximum Volume	5L
Rotation Range	100-1500rpm
Display	LED
Temperature Control Range	RT-300℃
Temperature Control Method	PID control
Temperature Display Resolution	0.1℃
Temperature Control Accuracy	±1℃
Temperature Sensor	PT100 (Standard)
Waste heat high temperature alarm	>50℃
Heating Power	300W
Motor Power	9W
Power Supply	AC100-230V 50/60Hz
Timing Range	0-99h59min
Machine Size (mm)	250*150*95
Net Weight (kg)	1.3
Packing Size (mm)	300*200*150
Gross Weight (kg)	2.2

Hotplate Magnetic Stirrer



MS-H-10



MS-H-11

Features:

- * Built-in temperature control system.
- * The temperature and rotation speed can be accurately set through the digital display screen, and the temperature control range is wide.
- * Rubber feet support, more stable.
- * Configure temperature sensor PT100.
- * With relay over temperature protection alarm, safe and convenient.

Technical Parameters:

Model	MS-H-10	MS-H-11
Working Plate Size	200*200mm	φ150mm
Platform Material	Aluminum, anodized	
Motor Type	DC brushless motor	
Number of Stirring Points	1	
Maximum Stirring Volume (water)	20L	
Stirrer Maximum Size	50mm	
Rotation Range	20-2000r/min	
Data Display	LED	
Heating Temperature Range	Room temperature~360.0℃	
Overheating Protection	360~400℃ adjustable	
Temperature Display Accuracy	±0.1℃	
External Temperature Sensor	PT100 (accuracy ±0.6℃) (Standard)	
Speed Control Accuracy	±1rpm	
Protection Class	IP21	
Motor Power	20W	
Heating Power	≤400W	
Power Supply	Standard: 220V 50/60Hz, optional: 110V 50/60Hz	
External Size (L*W*H)	222*320*122mm	
Net weight	4.6kg	4.2kg
Packing Size	300*410*210mm	
Gross Weight	6.0kg	5.5kg

Features of BS-2H/3H:

- * Cast Aluminum with surface spraying plate.
- * Max. Temp.: 380℃, max. speed: 2000rpm.
- * Heating and stirring can proceed simultaneously.
- * Heating power and stirring speed is steplessly adjusted.



BS-2H



BS-3H

Features of BS-4H/4HC:

- * Ceramic plate.
- * PT100 sensor is standard for BS-4HC.
- * With the adjustable rack and stirrer bar.
- * Max. Temp.: 380℃, max. speed: 2000rpm.
- * Heating and stirring can proceed simultaneously.
- * Heating power and stirring speed is steplessly adjusted.
- * Enclosed hot plate with flame protection, fast warm-up and durability.



BS-4H



BS-4HC

Technical Parameters:

Model	BS-2H	BS-3H	BS-4H	BS-4HC
Work Plate Size	120*120mm	170*170mm	190*190mm	
Plate Load(kg)	3	10		
Work Plate Material	Cast Aluminum with surface spraying		Ceramic	
Max. Stirring Capacity	2L	5L		
Speed Range	100~2000rpm		200~2000rpm	
Heating Temp	380℃			350℃
Power Consumption	180W	500W	600W	
Power Supply	AC110/220V±10%, 50/60Hz			
Standard Accessory	Adjustable rack, stirrer bar; PT100 sensor (only for BS-4HC)			
External Size(W*D*H) mm	200*120*90	265*185*190	320*190*125	
Package Size(W*D*H) mm	250*180*120	280*210*220	390*240*230	
Net Weight(kg)	1.9	2.2	5	
Gross Weight(kg)	3	3.4	6	

Hotplate Magnetic Stirrer



MYP11-2



MYP11-2A



SH05-3G



X85-2



X85-2S

Technical Parameters:

Model	MYP11-2	MYP11-2A	SH05-3G	X85-2	X85-2S
Work Plate Size	φ145mm		φ175mm	φ145mm	
Work Plate Material	Aluminum alloy		Stainless steel	Aluminum alloy	
Max. Stirring Capacity	5L		10L	5L	
Motor Type	Brushless DC motor				
Motor Output	15W			10W	
Speed Range	0~1500rpm				
Digital Display	Speed, temperature, time			/	Speed
Control	Button	Knob + Button	Button	Knob	
Heating Output	600W		800W	600W	
Heating Temp. Range	RT~320℃		RT~250℃	50~300℃	
Temp. Accuracy	±0.5℃		±1℃	/	
Timing Range	1~9999min		1~250min	/	
Power Supply	220V, 50Hz				
External Size(W*D*H) mm	280*160*90		330*190*130	250*150*135	
Package Size(W*D*H) mm	380*300*190		430*330*230	360*290*240	
Gross Weight(kg)	4.5		7	6	



MS7-H550-Pro



MS7-H550-S



MS-H-ProA



MS-H-Prot
(with timer)



MS-H-S



MS-H280-Pro

Technical Parameters:

Model	MS7-H550-Pro	MS7-H550-S	MS-H-ProA	MS-H-Prot	MS-H-S	MS-H280-Pro
Item No.	8030122111	8030122211	8060221110	8030201110	8030211010	8030101212
Work Plate Size	184*184mm (7 inch)		φ135mm (5 inch)			
Work Plate Material	Glass ceramic		Aluminum	Stainless steel with ceramic coated		
Max. Stirring Capacity	20L	10L	20L			3L
Motor Type	Brushless DC motor	Shaded pole motor	Brushless DC motor			
Motor Input	18W	15W	18W			5W
Motor Output	10W	1.5W	10W			3W
Speed Range	100~1500rpm	0~1500 rpm	100~1500rpm		0~1500rpm	200~1500rpm
Speed Display	LCD	Scale	LCD		Scale	LED
Speed Display Accuracy	±1rpm	/	±1rpm			±1rpm
Heating Output	1000W		600W	500W		
Heating Temp. Range	RT-550℃, increment 1℃	RT-550℃, increment 5℃	RT-340℃, increment 1℃		RT~340℃	RT-280℃, increment 1℃
Control Temp. Accuracy	±1℃(<100℃) ±1%(>100℃)	±10℃	±1℃(<100℃) ±1%(>100℃)		/	±1℃(<100℃) ±1%(>100℃)
Overheating Protection	580℃		420℃			320℃
Temp. Display	LCD	LED	LCD		Scale	LED
Display Temp. Accuracy	±0.1℃	±1℃	±0.1℃		/	±1℃
Timing Range	/			1~99h59min	/	
Optional Accessory	PT1000 (accuracy ±0.2℃)				/	PT1000 (accuracy ±0.5℃)
Residual Heat Warning	50℃				/	50℃
Max. Stirrer Bar Length	80mm					50mm
Interface	RS232	/	RS232		/	/
Protection Type	IP21		IP21	IP42		IP21
Working Environment	5-40℃, 80%RH					
Power Consumption	1050W	1030W	650W	550W	530W	515W
Power Supply	AC110/220V±10%, 50/60Hz (Customizable)					
External Size(W*D*H)	215*360*112mm		160*280*100mm	160*280*85mm		150*260*80mm
Package Size(W*D*H)	500*360*270mm		470*260*250mm			310*250*230mm
Gross Weight	7kg		5kg			4kg

Magnetic Stirrer



Features:

- * Stepless speed regulation, the maximum speed can reach 2600rpm
- * Using DC brush motor, low noise and stable speed regulation
- * The stirrer is made of fluorine material and high-quality magnetic steel. It has the characteristics of high temperature resistance, wear resistance, chemical corrosion resistance and strong rotation force.
- * The mixing work can be carried out in a sealed container, and the use is simple and convenient.
- * Simple and beautiful appearance, exquisite and compact, light weight, does not occupy laboratory space

Technical Parameters:

Model	BK-ST1
Motor Type	DC brushed motor
Maximum Volume	2L
Rotation Range	0-2600rpm stepless speed regulation
Timing Range	0-120min
Working Plate Size	Diameter 125mm
Stirring Power	5W
Power Supply	100-120/200-240V 50-60Hz
Overall Dimensions(mm)	240*180*110
Net Weight(kg)	1.7kg
Packing Size(mm)	330*265*197
Gross Weight(kg)	2.5

Mini Magnetic Stirrer



Features:

- * Mini and compact, light weight, easy to carry, easy to operate
- * Dc brushless motor, low noise for long-term operation
- * High performance strong magnetic mixer, strong magnetic force is not easy to jump
- * The body adopts ABS+PC alloy material, stable and durable, bevel design, better visual effect
- * The machine adopts excellent ergonomic design, the interface is simple and easy to operate
- * The maximum mixing capacity can reach 3L

Technical Parameters:

Model	BJPX-SC11-MN
Disk Material	ABS+PC
Working Surface Size	φ130mm
Motor Type	Brushless DC motor
Stirring Point	1
Maximum Mixing Volume	3L
Maximum Length of Stirrer	40mm
Speed Display	LED display
Set Precision	10rpm
Range of Rotation	200-2000rpm
Timing Function	0-99h59min
Rated Power	5W
Power Supply	AC 100-220V 50/60Hz
Overall Size	140*46*162mm
Net Weight	0.3kg
Packing Size	270*88*215mm
Gross Weight	0.6kg

Magnetic Stirrer



Features:

- * Using brushless DC motor, the maximum speed can reach 2000rpm
- * Strong magnetic force, uniform stirring, the maximum stirring volume can reach 20L
- * Intelligent digital display for easy reading
- * The stirrer is made of fluorine material and high-quality magnetic steel. It has the characteristics of wear resistance, chemical corrosion resistance and strong rotation force.
- * Simple operation (knob type operation), easy to complete the experiment

Technical Parameters:

Model	BK-ST20L
Motor Type	DC brushless motor
Maximum Volume	20L
Rotation Range	50-2000rpm
Working Plate Size	262*200mm
Stirring Power	36W
Power Supply	100-240V 50/60Hz
Overall Dimensions(mm)	285*220*91
Net Weight(kg)	2.65
Packing Size(mm)	360*260*180
Gross Weight(kg)	3.5



MS-S



MS-PA



MS-PB

Technical Parameters:

Model	MS-S	MS-PA	MS-PB
Work Plate Size	φ135mm (5 inch)		
Item No.	8030211000	8030284200	8030294000
Work Plate Material	Stainless steel with ceramic coated	Nylon + GF	
Max. Stirring Capacity	20L	3L	
Motor Type	Brushless DC motor		
Motor Input	18W	5W	
Motor Output	10W	3W	
Speed Range	0~1500rpm		
Speed Display	Scale	LED	Scale
Max. Stirrer Bar Length	80mm	50mm	
Working Environment	5~40℃, 80%RH	10-40℃,80%RH	
Protection Type	IP42		
Power Consumption	30W	15W	10W
Power Supply	AC110/220V±10%, 50/60Hz (Customizable)		
External Size(W*D*H)	160*280*85mm	150*260*80mm	
Package Size(W*D*H)	480*260*250mm	310*250*230mm	
Gross Weight	4kg	3kg	

Optional Accessories:

		Stirrer bars and bar remover(PTFE), use below 150°C		
		Models		
		MS7-H550-Pro	MS-H280-Pro	MS-H-S10
		MS7-H550-S	MS-PA	MS-M-S10
		MS-H-ProA	MS-PB	
		MS-H-Prot		
		MS-H-S		
		MS-S		
Cat. No.	Size of magnetic bars (L*Ø) mm	Suitable for Max. magnetic bar 80mm	Suitable for Max. magnetic bar 50mm	Suitable for Max. magnetic bar 40mm
18900006	10*6	√	√	√
18900007	15*8	√	√	√
18900008	20*8	√	√	√
18900009	25*8	√	√	√
12500005	30*6	√	√	√
18900011	40*8	√	√	√
12500004	50*8	√	√	/
18900013	65*8	√	/	/
18900014	80*13	√	/	/
18900015	Magnetic bar remover, length of 200mm	/	√	/

					
Cat. No.	18900019	18900016	18900136	18900017	18900540
Descriptions	F101 protective cover, for hotplate models, temperature resistance of 135°C	PT1000-A, temperature sensor for digital hotplate models, length of 230mm	PT1000-B, temperature sensor with glass coated, length of 230mm, used for digital hotplate models	Support clamp of PT1000	Support clamp of PT1000, use with MS-H280-Pro
Model					
MS7-H550-Pro	/	√	√	√	/
MS7-H550-S	/	√	√	√	/
MS-H-ProA	√	√	√	√	/
MS-H-Prot	/	√	√	√	/
MS-H-S	√	/	/	/	/
MS-H280-Pro	/	√	√	/	√

		Cat. No.	18101009	18101008	18101007	18101006	18900049	18900048	18900005	18900004	18900003	18900002	18900065	18900001
		Descriptions	Reaction block for 500ml round bottom flask (one flask capacity)	Reaction block for 250ml round bottom flask (one flask capacity)	Reaction block for 100ml round bottom flask (one flask capacity)	Reaction block for 50ml round bottom flask (one flask capacity)	Golden quarter pie, 4 holes, 16ml reaction vessel, Ø21.6mm, 31.7mm depth	Green quarter pie, 6 holes, 8ml reaction vessel, Ø17.8mm, 26mm depth	Black quarter pie, 4 holes, 40ml reaction vessel, Ø28mm, 43mm depth	Blue quarter pie, 4 holes, 30ml reaction vessel, Ø28mm, 30mm depth	Purple quarter pie, 4 holes, 20 ml reaction vessel, Ø28mm, 24mm depth	Red quarter pie, 11 holes, 4 ml reaction vessel, Ø15.2mm, 20mm depth	Blue Fixed ring, use with color quarter pies	Blue carrying plate, use with color quarter pies
		Magnetic hotplate stirrers are available to hold quarter color pies(volume range from 4mL to 16mL) and reaction blocks (volume range from 50mL to 2000mL), which ensure uniform heating distribution and excellent resistance to chemicals. The color pies and blocks with aluminum material which are easy to clean and safety for lab.												
Model		MS7-H550-Pro	MS7-H550-S	MS-H-ProA	MS-H-Prot	MS-H-S	MS-H280-Pro							
	/	/	/	√	/	/	√	√	√	√	√	√	√	√

Magnetic Stirrer



Technical Parameters:

Model	98-2	H03-A	85-1	85-2A	90-1	90-1B	96-1	H01-2
Work Plate Material	Stainless steel							
Max. Stirring Capacity	10L		3L	5L	20L		50L	
Motor Type	Brushless DC motor							
Speed Range	0~2000rpm		0~1500rpm	0~2000rpm	0~2000rpm		0~1400rpm	
Digital Display	/	Speed	/	/	/	Speed	/	Speed
Control	Knob							
Motor Power	15W		8W	10W	40W		100W	
Power Supply	220V, 50Hz							
External Size(W*D*H)mm	260*160*85	210*210*85	210*130*65	245*145*100	305*300*105		410*400*115	
Package Size(W*D*H)mm	450*300*250	400*400*250	400*260*215	380*300*220	510*430*250		550*550*220	
Gross Weight(kg)	8	7.5	5.5	7.5	10		20	

Multi-Position Magnetic Stirrer



Technical Parameters:

Model	MS-M-S10 (8030140013)	MS-H-S10 (8030140000)	84-1 (4 positions)	84-1 (6 positions)	524G	H01-1D
Work Plate Size	180*450mm		290*280mm	420*300mm	φ145mm	
Work Plate Material	Stainless steel with silicone film		Stainless steel		Aluminum alloy	Stainless steel
Max. Stirring Capacity	0.4L*10	0.4L*10	1.5L*4	1.5L*6	3L*4	3L*6
Motor Type	Brushless DC motor					
Speed Range	0~1100rpm		0~1500rpm		0~1400rpm	0~1500rpm
Digital Display	/		Speed		Speed, Temperature, Time	
Control	Scale		Knob		Button	Knob
Heating Output	/	470W	/		4*600W	6*360W
Heating Temp. Range	/	RT~120℃	/		RT~150℃	
Working Environment	5~40℃, 80%RH					
Power Supply	AC110/220V±10%, 50/60Hz		220V, 50Hz			
External Size(W*D*H)	210*630*65mm		290*280*80mm	420*300*80mm	380*380*145mm	1005*230*130mm
Package Size(W*D*H)	700*420*270mm		540*350*180mm	670*380*180mm	520*520*240mm	1130*400*270mm
Gross Weight	7.5kg		8kg	12kg	15kg	35kg

Magnetic Stirring Water Bath



Features:

- * High-quality cold-rolled steel plate outer shell, the surface is sprayed with environmental protection spray processing, good corrosion resistance.
- * Good performance, no noise, no vibration, fast heating
- * Artistic and reasonable, easy to maintain
- * LED display, real-time temperature display

Technical Parameters:

Model	MSW-101S
Display	LED
Power	600W
Heating Temp. Range	R.T.~100℃
Stirring Power	2.5W
Stirring Capacity	50~2000ml
Work Plate Size	Φ200*100
Speed Range	0~2600rpm
Power Supply	220V, 50Hz
External Size	340*340*290mm
Package Size	390*390*360mm
Net Weight	6.4kg
Gross Weight	10kg

Note:

1. Please use a three-phase safety socket and properly grounded.
2. The instrument should be kept clean, it should be cut off the power supply when long-term not using.
3. Do not open the temperature control switch when the stainless steel container is not added with thermal oil and the temperature sensor is not connected, so as to avoid damage to the heating element and constant temperature meter.

Overhead Stirrer



Features:

- * Color LCD with backlight displays speed and time in real time, with 5 sets of speed memory functions, convenient for accurate reading and easy operation.
- * Accurately control the speed with a control accuracy of ±3RPM; accurately display the true value/set value of the speed
- * Constant rotation speed, automatic adjustment of torque according to changes in sample viscosity
- * Prevent sample overflow, start smoothly, effectively prevent sample overflow
- * The closed shell prevents liquid from splashing into the machine and corroding the circuit, allowing it to run continuously and stably for a long time.

Technical Parameters:

Model	BJPX-OHS20
Maximum Volume	20L
Rotation Range	50-3000rpm
Speed Control Accuracy	±3rpm
Timing Range	30s-999min
Speed/time Display	LCD
Motor Type	Brushless DC motor
Stirring Maximum Viscosity	10000mPas
Power Supply	AC100-240V 50/60Hz
Power	60W
Overall Dimensions(mm)	160*230*600
Net Weight(kg)	5.2
Packing Size(mm)	450*345*155
Gross Weight(kg)	6.2