

Stirrer

Hotplate Magnetic Stirrer

Features of BS-2H/3H:

- * Aluminum plate.
- * Max. Temp.: 380°C, max. speed: 2000rpm.
- * Heating and stirring can proceed simultaneously.
- * Heating power and stirring speed is steplessly adjusted.



Features of BS-4H/4HC:

- * Ceramic plate.
- * PT100 sensor is optional.
- * With the adjustable rack and stirrer bar.
- * Max. Temp.: 380°C, 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.

Technical Parameters:

Model	BS-2H	BS-3H	BS-4H	BS-4HC
Work Plate Size	120*120mm	170*170mm	190*190mm	
Work Plate Material	Aluminum		Ceramic	
Max. Stirring Capacity	2L	5L		
Speed Range	100-2000rpm			
Heating Temp.	380°C			
Power Consumption	180W	500W	600W	
Power Supply	AC110/220V±10%, 50/60Hz			
Standard Accessories	PT100 sensor rack, stirrer bar			
External Size(W*D*H) mm	200*120*90	250*180*120	300*210*126	
Package Size(W*D*H) mm	265*185*190	280*210*150	400*240*220	
Net Weight(kg)	1.9	2.2	5	
Gross Weight(kg)	3	3.4	6	

Hotplate Magnetic Stirrer



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	10L			5L	
Motor Type	Brushless DC motor				
Motor Output	15W			10W	
Speed Range	50~1500rpm		0~1500rpm		
Digital Display	Speed, temperature, time			/	Speed
Control	Button	Knob + Button	Button	Knob	
Heating Output	600W		800W	600W	
Heating Temp. Range	RT~320°C		RT~250°C	RT~300°C	
Temp. Accuracy	±0.5°C			/	
Timing Range	1~9999min	1~250min		/	
Power Supply	AC220V, 50/60Hz				
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	350*290*240	
Gross Weight(kg)	4.5		7	6	

Hotplate Magnetic Stirrer



MS7-H550-Pro MS7-H550-S MS-H-Pro+ MS-H-Prot (with timer) MS-H-S MS-H280-Pro

Technical Parameters:

Model	MS7-H550-Pro	MS7-H550-S	MS-H-Pro+	MS-H-Prot	MS-H-S	MS-H280-Pro
Work Plate Size	184*184mm		Φ135mm			
Work Plate Material	Glass ceramic		Stainless steel with ceramic coated			
Max. Stirring Capacity	20L	10L	20L			3L
Motor Type	Brushless DC motor	Shaded pole motor	Brushless DC motor		DC 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	100~1500rpm
Speed Display	LCD	Scale	LCD		Scale	LED
Speed Display Accuracy	±1rpm	/	±1rpm		/	
Heating Output	1000W		500W			
Heating Temp. Range	RT-550°C, increment 1	RT-550°C, increment 5	RT-340°C, increment 1		RT~340°C	RT-280°C, increment 1
Control Temp. Precision	±1(<100°C) ±1%(>100°C)	±10°C	±1(<100°C) ±1%(>100°C)		/	±1(<100°C) ±1%(>100°C)
Max. Temp.	580°C		360°C		350°C	320°C
Temp. Display	LCD	LED	LCD		Scale	LED
Display Temp. Accuracy	±0.1°C	±1°C	±0.1°C		/	±1°C
External Temp. Sensor	Optional PT1000				/	Optional PT1000
Max. Stirrer Bar Length	80mm					50mm
Interface	RS232	/	RS232		/	
Protection Type	IP21		IP42			IP21
Ambient Temp.	5-40°C					
Relative Humidity	80%					
Power Consumption	1050W	1030W	550W		530W	515W
Power Supply	AC110/220W±10%, 50/60Hz					
External Size(W*D*H)	215*360*112mm		160*280*85mm			150*260*80mm
Package Size(W*D*H)	280*420*200mm		210*345*160mm			225*290*190mm
Gross Weight	6.5kg		3.5kg			2.5kg

Magnetic Stirrer





MS-S MS-PA MS-PB

Technical Parameters:

Model	MS-S	MS-PA	MS-PB
Work Plate Size	Φ135mm (5")		
Work Plate Material	Stainless steel with ceramic coated	Plastic	
Max. Stirring Capacity	20L	3L	
Motor Type	Brushless DC motor	DC motor	
Motor Input	18W	5W	
Motor Output	10W	3W	
Speed Range	0~1500rpm	100~1500rpm	0~1500rpm
Speed Display	Scale	LED	Scale
Max. Stirrer Bar Length	80mm	50mm	
Ambient Temp.	5~40°C		
Relative Humidity	80%		
Protection Type	IP42		
Power Consumption	30W	15W	10W
Power Supply	AC100/200V±10%, 50/60Hz		
External Size(W*D*H)	160*280*85mm	150*260*80mm	
Package Size(W*D*H)	210*345*160mm	220*295*180mm	
Gross Weight	3kg	2kg	

Accessories:

		Stirrer bars and bar remover(PTFE), use below 150°C		
Models				
	MS-H550-Pro	MS-H280-Pro	MS-H-S10	
	MS-H550-S	MS-PA	MS-M-S10	
	MS-H-Pro+	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	51*8	√	√	/
18900013	65*8	√	/	/
18900014	80*13	√	/	/
18900015	Magnetic bar remover, length of 200mm	√	√	√

					
Cat. No.	18900019	18900016	18900136	18900017	18900148
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 PT100	Support clamp of PT1000, use with MS-H280-Pro
Model					
MS7-H550-Pro	/	√	√	√	/
MS7-H550-S	/	√	√	√	/
MS-H-Pro+	√	√	√	√	/
MS-H-Prot	√	√	√	√	/
MS-H-S	√	/	/	√	/
MS-H280-Pro	/	√	√	/	√

	18101009	Reaction block for 500ml round bottom flask (one flask capacity)										
	18101008	Reaction block for 250ml round bottom flask (one flask capacity)										
	18101007	Reaction block for 100ml round bottom flask (one flask capacity)										
	18101006	Reaction block for 50ml round bottom flask (one flask capacity)										
	18900049	Golden quarter pie, 4 holes, 16ml reaction vessel, Ø21.6mm, 31.7mm depth										
	18900048	Green quarter pie, 6 holes, 8ml reaction vessel, Ø17.8mm, 26mm depth										
	18900005	Black quarter pie, 4 holes, 40ml reaction vessel, Ø28mm, 43mm depth										
	18900004	Blue quarter pie, 4 holes, 30ml reaction vessel, Ø28mm, 30mm depth										
	18900003	Purple quarter pie, 4 holes, 20 ml reaction vessel, Ø28mm, 24mm depth										
	18900002	Red quarter pie, 11 holes, 4 ml reaction vessel, Ø15.2mm, 20mm depth										
	18900065	Blue Fixed ring, use with color quarter pies										
	18900001	Blue carrying plate, use with color quarter pies										
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 500mL), 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-Pro+	MS-H-Prot	MS-H-S	MS-H280-Pro	/	/	√	√	√	√

Magnetic Stirrer



Technical Parameters:

Model	98-2	H03-A	85-1	85-1A	85-2A	90-1	90-1B	96-1	H01-2
Work Plate Material	Stainless steel								
Max. Stirring Capacity	10L		2L	3L	5L	20L		50L	
Motor Type	Brushless DC motor								
Speed Range	0~2000rpm			0~1500rpm	0~2000rpm	60~2000rpm			
Digital Display	/	Speed	/	/	/	/	Speed	/	Speed
Control	Knob								
Power Consumption	15W		4W	8W	10W	40W		100W	
Power Supply	AC110/220V, 50/60Hz								
External Size(W*D*H)mm	260*160*110	210*210*105	120*130*65	210*130*65	245*145*100	305*300*105		410*400*115	
Package Size(W*D*H)mm	450*300*250	400*400*250	300*250*200	400*250*200	380*300*220	510*430*250		550*550*220	
Gross Weight(kg)	8	7.5	5	5.5	7.5	10		20	

Multi-Position Magnetic Stirrer



Technical Parameters:

Model	MS-M-S10	MS-H-S10	84-1 (4 positions)	84-1 (6 positions)	524G	H01-1D
Work Plate Size	180*450mm	180*450mm	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	DC motor	Brushless DC motor			
Speed Range	0~1100rpm		0~1500rpm			
Control	Scale		Knob		Button	Knob
Heating Output	/	470W	/		4*600W	6*360W
Heating Temp. Range	/		RT~120°C		RT~150°C	RT~150°C
Max. Temp.	/		140°C		350°C	350°C
Ambient Temp.	5~40°C					
Relative Humidity	80%					
Power Supply	AC110/220V, 50/60Hz				AC220V, 50/60Hz	
External Size(W*D*H)	182*552*65mm		290*280*80mm	420*300*80mm	380*380*145mm	1005*230*130mm
Package Size(W*D*H)	250*710*165mm		540*350*180mm	670*360*180mm	520*520*240mm	1130*400*270mm
Gross Weight	7kg		8kg	11kg	22kg	35kg

Overhead Stirrer



OS40-S/OS20-S
LED Overhead Stirrer



OS40-S/OS20-S
with universal plate stand



OS40-Pro/OS20-Pro
LCD Overhead Stirrer



OS40-Pro/OS20-Pro
with universal plate stand

Technical Parameters:

Model	OS40-S	OS20-S	OS40-Pro	OS20-Pro
Max. Stirring Capacity	40L	20L	40L	20L
Motor Input	120W	60W	120W	60W
Motor Output	100W	50W	100W	50W
Speed Range	0~2200rpm		50~2200rpm	
Speed Display	LED		LCD	
Speed Display Accuracy	/		±3rpm	
Speed Display Resolution	±1rpm			
Max. Torque	60mN.M	40mN.M	60mN.M	40mN.M
Torque Display	/		LCD	
Overload Protection	Visual alarm, motor automatic stop			
Motor Protection	LED flicker, motor automatic stop			
Max. Viscosity	50000mPas	10000mPas	50000mPas	10000mPas
Chuck Diameter Range	0.5~10mm			
Protection Type	IP42			
Ambient Temp.	5~40°C			
Relative Humidity	80%			
Interface	/		RS232	
Power Consumption	130W	70W	130W	70W
Power Supply	AC110/220V±10%, 50/60Hz			
External Size(W*H*D) mm	83*186*220			
Package Size(W*H*D) mm	205*335*475			
Gross Weight(kg)	5.5			

Optional Accessories:

			
Cat. No.	18900131	18900071	18900072
Descriptions	Universal plate stand (W*D: 20*31cm), including support holder (H: 78cm) and fixing device	Crossed stirrer, shaft length 40cm, stirrer diameter 5cm, 316L stainless steel Standard stirring element, used at medium and high speeds	Straight stirrer, shaft length 40cm, stirrer diameter 6cm, 316L stainless steel Suitable for mixing of low viscosity media, used at medium and high speeds
			
Cat. No.	18900073	18900074	18900075
Descriptions	Blade stirrer, shaft length 40cm, stirrer diameter 6.8cm, 316L stainless steel Gentle processing samples, used at low and medium speeds	Centrifugal stirrer, shaft length 40cm, stirrer diameter 9cm, 316L stainless steel Blades open with increasing speed for stirring in a round vessel with a narrow neck, used at medium and high speeds	Crossed stirrer, shaft length 35cm, stirrer diameter 6.5cm, PTFE coated Standard stirring element, used at medium and high speeds
			
Cat. No.	18900076	18900077	18900078
Descriptions	Straight stirrer, shaft length 35cm, stirrer diameter 7cm, PTFE coated Suitable for mixing of low viscosity media, used at medium and high speeds	Blade stirrer, shaft length 35cm, stirrer diameter 6.8cm, PTFE coated Gentle processing samples, used at low and medium speeds	Centrifugal stirrer, shaft length 35cm, stirrer diameter 8.5cm, PTFE coated Blades open with increasing speed for stirring in a round vessel with a narrow neck, used at medium and high speeds

Overhead Stirrer

Features:

- * LCD digital display.
- * Constant and stable stirring speed.
- * Brushless DC motor drive penetration type stirring shaft MCU closed-loop control.



Technical Parameters:

Model	MYP2011-50	MYP2011-100	MYP2011-150	MYP2011-250
Max. Stirring Capacity	20L	50L	100L	200L
Motor Type	Brushless DC motor			
Motor Torque	200mN.M	450mN.M	600mN.M	1000mN.M
Speed Range	60~1500rpm			
Stirring Rod Length	350mm			
Stirring Rod Material	PTFE	Stainless steel		
Pole Height	700mm			
Chuck Range Diameter	φ1.5~13mm			
Digital Display	LCD			
Control	Knob			
Power Consumption	50W	100W	150W	250W
Power Supply	AC110/220V, 50/60Hz			
Standard Accessories	Plate stand			
External Size(W*D*H)	380*82*210mm (main body)			
Package Size(W*D*H)	670*180*370mm			
Gross Weight	13kg	13.5kg	14kg	

Overhead Stirrer

Features:

- * Brushless DC motor drive.
- * LED digital display stirring speed.



Technical Parameters:

Model	D2004W	D2010W	D2015W	D2025W
Max. Stirring Capacity	18L	50L	100L	200L
Motor Type	Brushless DC motor			
Motor Torque	200mN.M	450mN.M	600mN.M	1000mN.M
Speed Range	60~1500rpm			
Stirring Rod Length	350mm			
Stirring Rod Material	PTFE	Stainless steel		
Pole Height	700mm			
Chuck Range Diameter	φ1.5~10mm		φ1.5~13mm	
Digital Display	LED			
Control	Knob			
Power Consumption	40W	100W	150W	250W
Power Supply	AC110/220V, 50/60Hz			
External Size(W*D*H)	390*93*160mm (main body)		390*93*180 (main body)	
Package Size(W*D*H)	650*180*350mm		650*180*370mm	
Gross Weight	11kg	13kg	13.5kg	14kg