

# BlueSpin Magnetic Stirrer

Magnetic stirrers are widely used in chemical synthesis, physical and chemical analysis, bio-pharmaceuticals and other fields.



MS7-Pro  
BlueSpin LCD Digital Magnetic Stirrer  
(Glass ceramic plate)

## Features of MS7- Pro BlueSpin LCD Digital Magnetic Stirrer

- Speed range of 100-1500 rpm
- Max. stirring quantity 20L
- glass ceramic plate is extremely resistant to corrosion and easily clean
- LCD displays target and actual speeds
- Brushless DC motor maintenance free and explosion-proofed, accurately control speed



MS-S  
BlueSpin Class Magnetic Stirrer  
(Stainless steel or ceramic coated plate)

## Features of MS-S BlueSpin Classic Magnetic Stirrer

- Speed range of 0-1500 rpm
- Max. stirring quantity 20L
- Stainless steel and ceramic coated work plates are optional
- 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
- DC brushless motor guarantees long service

## Features of MS-PA BlueSpin LED Digital Magnetic Stirrer

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



MS-PA  
BlueSpin LED Digital Magnetic Stirrer  
(Plastic plate)



MS-PB  
BlueSpin Classic Magnetic Stirrer  
(Plastic plate)

## Features of MS-PB BlueSpin Classic Magnetic Stirrer

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

## Features of MS-M-S10 BlueSpin 10-Channel Classic Magnetic Stirrers

- Speed range of 0-1100rpm
- High-performance magnetic stirrer with 10 stirring positions benefit laboratory space
- Individually controlled stirring for consistency with various samples
- DC brushless motor maintenance free and provides constant speed
- Stainless steel plate with silicone film, anti-slip and anti-corrosion



MS-M-S10  
BlueSpin 10-Channel Classic Magnetic Stirrer  
(Stainless steel plate with silicone film)

## Specifications of BlueSpin Magnetic Stirrer

					
	<b>MS7-Pro</b>	<b>MS-S</b>	<b>MS-PA</b>	<b>MS-PB</b>	<b>MS-M-S10</b>
Dimension of work plate [mm]	184 × 184 (7 inch)	φ 135 (5 inch)	φ 135 (5 inch)	φ 135 (5 inch)	180 × 450
Work plate material	Glass ceramic	Stainless steel/Ceramic coated	Plastic	Plastic	Stainless steel with silicone Film
Motor type	DC brushless motor	DC brushless motor	DC motor	DC motor	DC brushless motor
Motor rating input [W]	18	18	5	5	12
Motor rating output [W]	10	10	3	3	4
Power [W]	50	30	15	10	20
Voltage [VAC]	100-240	100-240	100-240	100-240	100-240
Frequency [Hz]	50/60	50/60	50/60	50/60	50/60
Stirring positions	1	1	1	1	10
Max. stirring quantity[H <sub>2</sub> O], L	20	20	3	3	0.4 (each stirring position)
Max. magnetic bar(L × Ø) [mm]	80	80	50	50	40
Speed range [rpm]	100-1500	0-1500	100-1500	0-1500	0-1100
Speed display	LCD	Scale	LED	Scale	Scale
Speed display resolution [rpm]	± 1	-	-	-	-
Protection class according to DIN EN60529	IP21	IP42	IP42	IP42	IP42
Dimension [W × D × H] mm	215 × 360 × 112	160 × 280 × 85	150 × 260 × 80	150 × 260 × 80	182 × 552 × 65
Weight [kg]	5.3	2.8	1.8	1.8	3.2
Permissible ambient temperature [°C]	5-40	5-40	5-40	5-40	5-40
Permissible relative humidity	80	80%	80%	80%	80%

It is available of stirrer bars



		Stirrer bars and stirrer bar remover (PTFE) , use below 150°C		
		Models		
		MS7-Pro MS-S	MS-PA MS-PB	MS-M-S10
Cat. No.	Size of stirrer bars [mm]	Suitable for Max. stirrer bar 80mm	Suitable for Max. stirrer bar 50mm	Suitable for Max. stirrer bar 40mm
18900006	10mm × 6mm	●	●	●
18900007	15mm × 8mm	●	●	●
18900008	20mm × 8mm	●	●	●
18900009	25mm × 8mm	●	●	●
12500005	30mm × 6m	●	●	●
18900011	40mm × 8mm	●	●	●
12500004	51mm × 8mm	●	●	
18900013	65mm × 8mm	●		
18900014	80mm × 13mm	●		
18900015	Stirrer bar remover, length of 200m m	●	●	●

## Ordering information

P/N	Descriptions	Power supply	Cat No.
MS-PA	LED Digital Magnetic Stirrer, plastic plate	USA plug,100V-220V/50Hz/60Hz	861521039999
		Cn plug,100V-220V/50Hz/60Hz	861521139999
		Euro plug,100V-220V/50Hz/60Hz	861521239999
		UK plug,100V-220V/50Hz/60Hz	861521339999
MS-PB	Classic Digital Magnetic Stirrer, plastic plate	USA plug,100V-220V/50Hz/60Hz	861520039999
		Cn plug,100V-220V/50Hz/60Hz	861520139999
		Euro plug,100V-220V/50Hz/60Hz	861520239999
		UK plug,100V-220V/50Hz/60Hz	861520339999
MS-S	Classic Magnetic Stirrer, stainless steel with ceramic coated plate	USA plug,100V-220V/50Hz/60Hz	811111129999
		Cn plug,100V-220V/50Hz/60Hz	811111119999
		Euro plug, 100V-220V/50Hz/60Hz	811111089999
		UK plug, 100V-220V/50Hz/60Hz	811111139999
MS7-Pro	LCD Digital 7" Square Plate Magnetic Stirrer, glass ceramics plate	USA plug,100V-120V/50Hz/60Hz	813213009999
		Cn plug,200V-240V/50Hz/60Hz	813213019999
		Euro plug,200V-240V/50Hz/60Hz	813213029999
		UK plug,200V-240V/50Hz/60Hz	813213039999
MS-M-S10	10-Channel Classic Magnetic Stirrer, stainless steel plate with silicone film	USA plug,100V-120V/50Hz/60Hz	811311029999
		Cn plug,200V-240V/50Hz/60Hz	811311019999
		Euro plug,200V-240V/50Hz/60Hz	811311039999
		UK plug,200V-240V/50Hz/60Hz	811311049999