



OVERHEAD STIRRER

OVERHEAD STIRRER BER1BP1 TO BER1BP4

OVERHEAD STIRRER

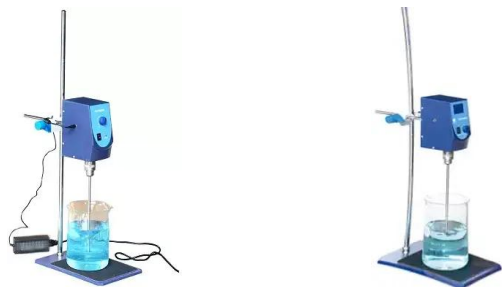


Overhead Stirrer BER1BP1

1. Stainless steel head restraints, more durable.
2. Digital display model, stirring has three modes: positive, reverse, positive and negative alternating.
3. Digital type: brushless motor.

SPECIFICATIONS

Model	BER1BP1	BER1BP2	BER1BP3	BER1BP4
Function				
Max. Volume (L)	20		40	
Digital	-	LCD		
Speed (r.p.m)	100~2500			
Working Time	Continuous			
Minimum Resolution (r.p.m)	100			
Structure				
Exterior	Plastic shell			
Driving Mode	Motor			
Motor Power (kW)	0.06		0.08	0.12
Controller				
Continuous Operation	Yes			
Setting Mode	Scale	Digital		
Speed Display Mode	Scale	Digital		
Timer	No	Yes		
Max. Viscosity(Mpas)	10000		15000	50000
Specification				
Exterior Size (W*L*H)(mm)	115x95x240			
Packing Size (W*L*H)(mm)	400x250x210			
Plate Size (mm)	200x300			
Plate Load	50KG			
Power Supply (50/60Hz)	100~240V			
Current Rating	7/8		7.5/8.5	8/9
Alt Name	Overhead Stirrer			



FEATURES BER1BP1 BER1BP2 BER1BP3

1. Stainless steel head restraints, more durable.
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FEATURES BER1BP4

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1. Stainless steel head restraints, more durable.
2. Digital display model, stirring has three modes: positive, reverse, positive and negative alternating.
3. Digital type: brushless motor.
4. It is new big power type, high torque, can be used for mixing mud.

APPLICATIONS

Large capacity mechanical mixing equipment.

OVERHEAD STIRRER BFA1CS1

DIGITAL OVERHEAD STIRRER

Digital Overhead Stirrer is suitable for middle and high viscosity liquid or solid-liquid mixture. It is mainly used in chemical synthesis, pharmaceutical, physical and chemical analysis, petrochemical, cosmetics, health products, food, biotechnology and so on.



LED with backlit displays real-time speed and time. It is convenient and accurate for readings, and easy to operate.
 Precise control speed. Control accuracy is ± 3 rpm. Accurately display the actual speed actual value / set value.
 Constant rotation speed, the torque can be automatically adjusted according to the change of sample viscosity to maintain the set rotation speed.
 Anti-spill samples, smooth start, effectively prevent spilling.
 Clockwise & counterclockwise stirring exchange mode. Stirring effects are better.
 Closed shell to prevent liquid from entering the machine interior for corrosion circuit, ensure safe operation. Long time continuous and stable operation.
 Overload protection and motor protection. When overload, short circuit and abnor

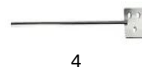
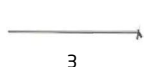
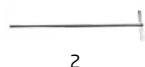
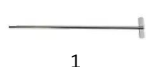
SPECIFICATIONS

Model	BFA1CS1
Old Model	BMGS-205
Max Stir Capacity (H2O)	40L

Time Range	30s~999min
Speed Range	50~2200rpm
Speed Control Accuracy	±3rpm
Speed Display Accuracy	±1rpm
Max. Torque	180N.cm
Max. Viscosity	50000mPas
Drill Chuck Clamping	0.5~10mm
Diameter Range	DC 24V, 5A
Voltage	130W
Dimension	W.240 x D.380 x H.830mm
Net Weight	8.9kgs
Alt Name	Digital Overhead Stirrer

ACCESSORIES FOR PURCHASE

No	Accessories code	Name	Spec	Dia. of the Propeller	Dia. of the Stir Rod	Length of the Stir Rod	Max. Speed
1	MS-A	Propeller Straight type	1 blades	60mm	8mm	400mm	2000rpm
2	MS-B	Propeller Centrifugal type	2 blades	90mm	8mm	400mm	2000rpm
3	MS-C	Propeller type	4 blades	50mm	8mm	400mm	2000rpm
4	MS-D	Fan type	1 blades	68mm	8mm	400mm	1000rpm
5	MS-E	Customized	customized	customized	customized	customized	customized



FEATURES

LED with backlit displays real-time speed and time. It is convenient and accurate for readings, and easy to operate.

Precise control speed. Control accuracy is±3rpm. Accurately display the actual speed actual value / set value.

Constant rotation speed, the torque can be automatically adjusted according to the change of sample viscosity to maintain the set rotation speed.

Anti-spill samples, smooth start, effectively prevent spilling.

Clockwise & counterclockwise stirring exchange mode. Stirring effects are better.

Closed shell to prevent liquid from entering the machine interior for corrosion circuit, ensure safe operation. Long time continuous and stable operation.

Overload protection and motor protection. When overload, short circuit and abnormal speed occur, it will cut off the circuit and alarm automatically to ensure safe running and lab safety.

OVERHEAD STIRRER BFL1BK1 BFL1BK2

LED DIGITAL OVERHEAD STIRRER



High reliability and outstanding performance
Wide range of speed from 50 to 2200 rpm
Brushless DC motor for long life, maintenance free and explosion proof
LED screen for monitoring actual speed
Safety circuits allow for safe stop function in anti-stall or overload conditions
Large chuck diameter for many shaft types

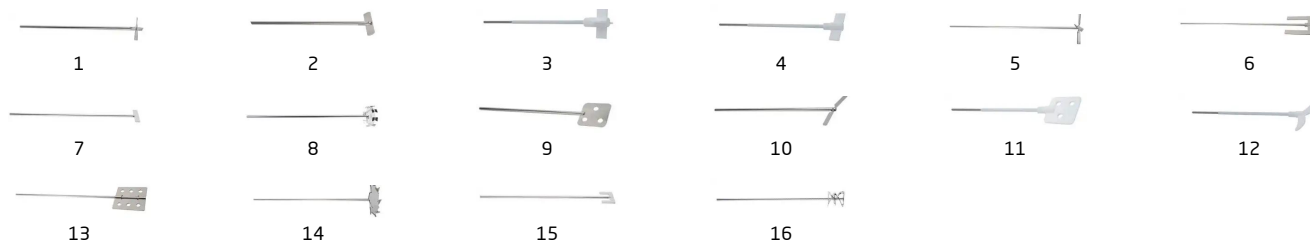
SPECIFICATIONS

Model	BFL1BK1	BFL1BK2
Old Model	BMSS-110	BMSS-111
Max. stirring quantity[H ₂ O]	20L	40L
Speed range	50~2200rpm	
Max. torque	40N·cm	60N·cm
Viscosity max.	10000mPa·s	50000mPa·s
Motor type	Brushless DC motor	
Speed display	LED	
Overload protection display	LED	
Chuck range diameter	0.5~10mm	
Motor input power	60W	120W
Motor output power	50W	100W
Power	70W	130W
Voltage, Frequency	100~240V, 50/60 Hz	
Dimension[WxHxD]	83 x 220 x 186mm	
Protection class	IP21	
Weight	2.8kg	
Permissible ambient temperature and humidity	5~40°C, 80%RH	
Alt Name	LED Digital Overhead Stirrer	



ACCESSORIES FOR PURCHASE

No	Name	Shaft length	Stirrer diameter	Shaft diameter	Material	Application
1	Propeller stirrer	40cm	8cm	Ø8mm	316L stainless steel	Standard stirring applications at medium and high speed
2	Straight stirrer	40cm	6cm	Ø8mm	316L stainless steel	For low viscosity media at medium and high speeds
3	Propeller stirrer	35cm	6.5cm	Ø8mm	PTFE coated	Standard stirring applications at medium and high speed
4	Straight stirrer	35cm	7cm	Ø8mm	PTFE coated	For low viscosity media at medium and high speeds
5	Grand propeller stirrer	60cm	10cm	Ø8mm	316L stainless steel	Standard stirring
6	Grand anchor stirrer	60cm	10cm	Ø8mm	316L stainless steel	Standard stirring or for those easily precipitate
7	Flat-blade stirrer	40cm	6cm	Ø8mm	316L stainless steel	Suitable for medium speed stirring, low viscosity and medium viscosity materials
8	Radial-flow stirrer	40cm	8cm	Ø8mm	316L stainless steel	Suitable for medium speed or high speed agitation, viscous or medium viscosity materials, recommended for the treatment of gas in liquid
9	Paddle stirrer	40cm	6.8cm	Ø8mm	316L stainless steel	For gentle mixing at low and medium speeds
10	Centrifugal stirrer	40cm	9cm	Ø8mm	316L stainless steel	Blades open while speeding. For narrow neck vessels at medium to high speed
11	Paddle stirrer	35cm	6.8cm	Ø8mm	PTFE coated	For gentle mixing at low and medium speeds
12	Centrifugal stirrer	35cm	8.5cm	Ø8mm	PTFE coated	Blades open while speeding. For narrow neck vessels at medium to high speed
13	Grand paddle stirrer	60cm	10cm	Ø8mm	316L stainless steel	Gentle mixing for those stratify easily or sensitive to stir
14	Grand dissolving stirrer	60cm	10cm	Ø8mm	316L stainless steel	Breaking down granules in the mixture with strong shear
15	Anchor stirrer	40cm	6cm	Ø8mm	316L stainless steel	Suitable for low speed stirring, medium viscosity and high viscosity materials
16	Spiral stirrer	40cm	8cm	Ø8mm	316L stainless steel	Suitable for medium speed or high speed agitation, medium viscosity and high viscosity materials, recommended for liquid homogenization or suspension treatment



OVERHEAD STIRRER BGI1CA3

OVERHEAD STIRRER

The BD Series Overhead stirrer adopts a CNC stepless speed regulator, which is high-speed and convenient, and can digitally display the operating speed, making the machine safer and more reliable. It has advanced technology, low-noise mechanical reduction structure, small size, and large output torque. It is suitable for scientific research, colleges and universities, chemical industry, pharmaceuticals, medical units and other purposes.



4 blades propeller
Length:400mm
Diameter:50mm
Material:316 stainless steel
Application:Standard one,for mid-high speed
4 blades propeller
Length:350mm
Diameter:65mm
Material:PTEE
Application:Standard one,for mid-high speed
Flat hole propeller
Length:400mm

SPECIFICATIONS

Model	BGI1CA3
Capacity	60L
Speed range	30~2200rpm
Speed display	LCD
Resolution	±1rpm
Torque	60N.cm
Max viscosity	80000mPas
Diameter	0.5~10mm
Exterior Dimension	160x80x180
Net weight	3.0kg
Protect class	IP42
RS232	
Voltage	AC220V50HZ/110V60HZ
Power	160W
Alt Name	Overhead stirrer

FEATURES



4 blades propeller
Length:400mm
Diameter:50mm
Material:316 stainless steel
Application:Standard one,for mid-high speed



4 blades propeller
Length:350mm
Diameter:65mm
Material:PTEE
Application:Standard one,for mid-high speed



Flat hole propeller
Length:400mm
Diameter:68mm
Material:316 stainless steel
Application:gente mixing, mid-low speed



Flat hole propeller
Length:350mm
Diameter:68mm
Material:PTEE Coating
Application:gente mixing, mid-low speed



One line propeller
Length:400mm
Diameter:60mm
Material:316 stainless steel
Application:Low viscosity mixing mid-high speed



One line propeller
Length:350mm
Diameter:70mm
Material:PTEE
Application:Low viscosity mixing mid-high speed



Centrifugal impeller

Length:400mm

Diameter:90mm

Material:316 stainless steel

Application:The blades are flexible,good for small mouth round flasks mid-high speed



Centrifugal impeller

Length:350mm

Diameter:85mm

Material:PTEE Coating

Application:The blades are flexible,good for small mouth round flasks mid-high speed

OVERHEAD STIRRER BFL1BJ1 BFL1BJ2 BFL1BJ3

LCD DIGITAL OVERHEAD STIRRER

Overhead Stirrers are competent for most demanding tasks with guaranteed safety and performance. They are widely used in chemical synthesis, pharmaceutical synthesis, physical and chemical analysis, petrochemical industries, etc.



SPECIFICATIONS

Model	BFL1BJ1	BFL1BJ2	BFL1BJ3
Max. stirring quantity[H ₂ O]	20L	40L	70L
Speed range	50~2200rpm		50~1100rpm
Speed display accuracy	±3rpm		±10rpm
Time settings range	-		0~99h59min
Max. torque	40N·cm	60N·cm	300N·cm
Viscosity max.	10000mPa·s	50000mPa·s	100000mPa·s
Weight	2.8kg		3.2kg
Motor type	Brushless DC motor		
Voltage, Frequency	100~240V, 50/60 Hz		

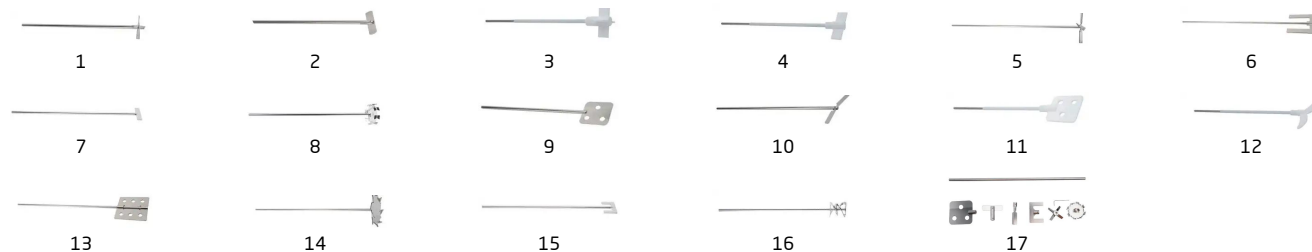
Speed display	LCD		
Torque display	LCD		
Overload protection display	LCD		
Chuck clamp range diameter	0.5~10mm		
Motor input/output power	60W/50W	120W/100W	180W/160W
Power	70W	130W	200W
Dimension[WxHxD]	83 x 220 x 186mm		
Protection class	IP21		
Permissible ambient temperature and humidity	5~40°C, 80%RH		
Data interface	RS232		
Alt Name	LCD Digital Overhead Stirrer		



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17	Set of Overhead Stirrer tools					Contains one vertical rod, six stirring blades, Such as Propeller stirrer, Paddle stirrer, Centrifugal stirrer, Flat-blade stirrer, Radial-flow stirrer, Anchor stirrer and Disassembling tool



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