



HOTPLATE MAGNETIC STIRRER

HOTPLATE MAGNETIC STIRRER BFL1BF1

ECONOMICAL MAGNETIC STIRRER

This is magnetic stirrer customized for liquid mixing, suitable for chemical analysis, biology reagent mixing, regular laboratory experiments and liquid handling.



Maintenance free brushless DC motor
Rare earth magnets give powerful stirring
Stepless speed regulation 300-2000 rpm
Ultra silence and vibration-free design
PET top provides excellent chemical resistance
Shaft can be fitted with a pH sensor or other sensors for different purposes

SPECIFICATIONS

Model	BFL1BF1
Work plate size	Ø120mm
Work plate material	PET
Motor type	Brushless DC motor
Stirring position	1
Max. stirring quantity (H2O)	1.5L
Max. magnetic bar (length)	40mm
Speed range	300-2000rpm
Speed setting	scale
Protection class	IP21
Motor output power	1.2W
Power	7.2W
Voltage, Frequency	100-240V, 50/60Hz or DC 12V
Dimension [WxDxH]	150x145x50mm
Weight	0.3kg
Permissible ambient temperature and humidity	5-40°C, 80%RH
Alt Name	Economical Magnetic Stirrer

HOTPLATE MAGNETIC STIRRER BFA1CJ1 BFA1CJ2

DIGITAL MAGNETIC STIRRER HOT PLATE

The heating plate of the Digital Magnetic Stirrer Hot Plate Series is made of special Ceramic. Magnetic stirring technology and humanized design is convenient for operation to meet various heating and stirring experimental needs.



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

SPECIFICATIONS

Model	BFA1CJ1	BFA1CJ2
Platform size	$\Phi 137\text{mm}$	
Platform Material	Enamel	
Speed Range	200~1200rpm	80~1800rpm
Temp. Range	R.T. +5°C~340°C	
Temp. setting range	30°C~340°C	
Temp. stability	$\pm 3^{\circ}\text{C}$	
Time Range	0~99h59min	1min~99h59min
Stirring Point Quantity	1	
Max. Stir Capacity	20L	
Max. Size of Stirrer Stick	80mm	
External Interface Temp. Sensor	PT1000	
Adjustable Safety Loop Min. Temp	50°C	
Adjustable Safety Loop Max. Temp	350°C	
Voltage	AC220V, 50/60Hz	AC 220V/AC 110V, 50/60Hz
Power	600W	
Fuse	250V, 4A/8A, $\Phi 5 \times 20$	
Dimension (W.D.H)	W.160 x D.270 x H.90mm	
Net weight	2.3kgs	2.4kgs
Alt Name	Digital Magnetic Stirrer Hot Plate	



BFA1CJ1



BFA1CJ2

FEATURES

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

HOTPLATE MAGNETIC STIRRER BFL1BI1

LED DIGITAL MAGNETIC HOTPLATE STIRRER

It is a perfect hotplate stirrer for handling small volume task and daily applications, with maximum temperature of 280°C.



Digital temperature control with maximum temperature up to 280°C
 Digital speed control with maximum speed up to 1500 rpm
 Stainless steel with ceramic coating work plate provides high chemical resistant performance
 External temperature control is possible by connecting temperature sensor (PT1000) with an accuracy at $\pm 0.2^{\circ}\text{C}$
 LED display shows temperature and stirring speed
 "HOT" warning flashes if work plate temperature is above 50°C

SPECIFICATIONS

Model	BFL1BI1
Work plate Dimension [W x D]	Ø135mm (5 inch)
Work plate material	stainless steel cover with ceramic coating
Motor type	Brushless DC motor
Stirring positions	1
Max. stirring quantity, H2O (L)	3L
Max. magnetic bar length	50mm
Speed range	200-1500rpm
Speed display	LCD
Temperature display	LED
Heating temperature range	Room Temp.-280°C
Heating liquid temperature control accuracy	$\pm 1^{\circ}\text{C}(<100^{\circ}\text{C})$ $\pm 1\%(<100^{\circ}\text{C})$
Overheating temperature protection	-
Temperature display accuracy	$\pm 1^{\circ}\text{C}$
External temperature sensor	PT1000 (accuracy $\pm 0.2^{\circ}\text{C}$)
"Hot" warning	-
Data connector	-
Protection class	IP42
Timer function	-
Motor rating output	3W
Power	515W
Heating output	300W
Voltage, Frequency	100-120/200-240V, 50/60Hz

Dimension [WxDxH]	150x260x80mm
Weight	1.8kg
Permissible ambient temperature and humidity	5-40°C, 80%RH
Alt Name	LED Digital Magnetic Hotplate Stirrer

ACCESSORIES FOR PURCHASE

No	Name	Description
1	Blue carrying plate	use with color quarter pies
2	Blue Fixed ring	use with color quarter pies
3	Red quarter pie	11 holes, 4mL reaction vessel, Ø15.2mm, 20mm depth
4	Purple quarter pie	4 holes, 20mL reaction vessel, Ø28mm, 24mm depth
5	Orange quarter pie	4 holes, 30mL reaction vessel, Ø28mm, 30mm depth
6	Black quarter pie	4 holes, 40mL reaction vessel, Ø28mm, 43mm depth
7	Green quarter pie	6 holes, 8mL reaction vessel, Ø17.8mm, 26mm depth
8	Golden quarter pie	4 holes, 16mL reaction vessel, Ø21.6mm, 31.7mm depth
9	Reaction block	Reaction block for 50mL round bottom flask (one flask capacity)
10	Reaction block	Reaction block for 100mL round bottom flask (one flask capacity)
11	Reaction block	Reaction block for 250mL round bottom flask (one flask capacity)
12	Reaction block	Reaction block for 500mL round bottom flask (one flask capacity)
13	F101 protective cover	temperature resistance of 135°C
14	Temperature sensor	PT1000-A, length of 230mm
15	Temperature sensor	PT1000-B, temperature sensor with glass coated, length 230mm
16	Support clamp	Support clamp of PT1000 Vertical bar length: 38cm, stems length: 18cm, stem diameter: 10cm
17	Square Module	Square Module, capacity of 16 x 4mL flat bottom, hole dimensions: Ø15.2x 18.5mm
18	Square Module	Square Module, capacity of 16 x 8mL flat bottom, hole dimensions: Ø17.5x23.5mm
19	Square Module	Square Module, capacity of 9 x 16mL flat bottom, hole dimensions: Ø20.5x 28.5mm
20	Square Module	Square Module, capacity of 4 x 20mL flat bottom, hole dimensions: Ø28.5x23.5mm
21	Square Module	Square Module, capacity of 4 x 30mL flat bottom, hole dimensions: Ø28.5x33.5mm
22	Square Module	Square Module, capacity of 4 x 40mL flat bottom, hole dimensions: Ø28.5x43.5mm
23	Square Module	Ø65x25.5mm-150mL (Aperture x Hole depth - Adapted container volume) Spherical Square Module
24	Square Module	Square Module, capacity 50mL round bottom, hole dimensions: Ø86x31.5mm
25	Square Tray	Square Tray with Handle (Length x depth x width: 160 x 32 x 160 mm), Suitable for 5-inch Ø135mm magnetic stirrer
26	Square Tray	Square Tray without Handle (Length x depth x width: 160 x 32 x 160 mm), Suitable for 5-inch Ø135mm magnetic stirrer





HOTPLATE MAGNETIC STIRRER BFL1BH1 BFL1BH2 BFL1BH3

MAGNETIC HOTPLATE STIRRER



HotPlate Magnetic Stirrer BFL1BH1
 Brushless DC motor is maintenance free and explosion-proof
 Digital temperature control up to 340°C
 Digital speed control up to 1500 rpm
 Maximum stirring quantity of H₂O is 20 L
 Safety circuits provide overheating protection
 "HOT" warning flashes if plate temperature is above 50°C even when hotplate is turned off
 High-resolution LCD display shows actual temperatures and speed (displays the time)
 External temperature control is possible by connecting the temperature sensor (PT 1000) with accuracy at $\pm 0.2^\circ\text{C}$

SPECIFICATIONS

Model	BFL1BH1	BFL1BH2	BFL1BH3
Old Model		BHMS-104	BHMS-101
Work plate Dimension [W x D]	Ø135mm (5 inch)		
Work plate material	stainless steel cover with ceramic coating		
Motor type	Brushless DC motor		
Stirring positions	1		
Max. stirring quantity, H ₂ O (L)	20L		
Max. magnetic bar length	80mm		
Speed range	100-1500rpm resolution $\pm 1\text{rpm}$		0-1500rpm
Speed display	LCD		Scale
Temperature display	LCD		LED
Heating temperature range	Room Temp.-340°C, increment 1°C		Room Temp.-340°C
Heating liquid temperature control accuracy	$\pm 1^\circ\text{C}(<100^\circ\text{C}) \pm 1\%(<100^\circ\text{C})$		-
Overheating temperature protection	420°C		
Temperature display accuracy	$\pm 0.1^\circ\text{C}$		-
External temperature sensor	PT1000 (accuracy $\pm 0.2^\circ\text{C}$)		-
"Hot" warning	50°C		-

Data connector	RS232		
Protection class	IP21		
Timer function	1min to 99h59min		-
Motor rating output	10W		
Power	720W		530W
Heating output	500W		
Voltage, Frequency	100-120/200-240V, 50/60Hz	160x280x100mm	100-120/200-240V, 50/60Hz
Dimension [WxDxH]	160x280x100mm	2.8kg	160x280x100mm
Weight	2.8kg	5-40°C, 80%RH	2.8kg
Permissible ambient temperature and humidity	5-40°C, 80%RH	-	5-40°C, 80%RH
Alt Name	LCD Digital Magnetic Hotplate Stirrer	LCD Digital Magnetic Hotplate Stirrer with Timer	Analog Magnetic Hotplate stirrer



BFL1BH1



BFL1BH2

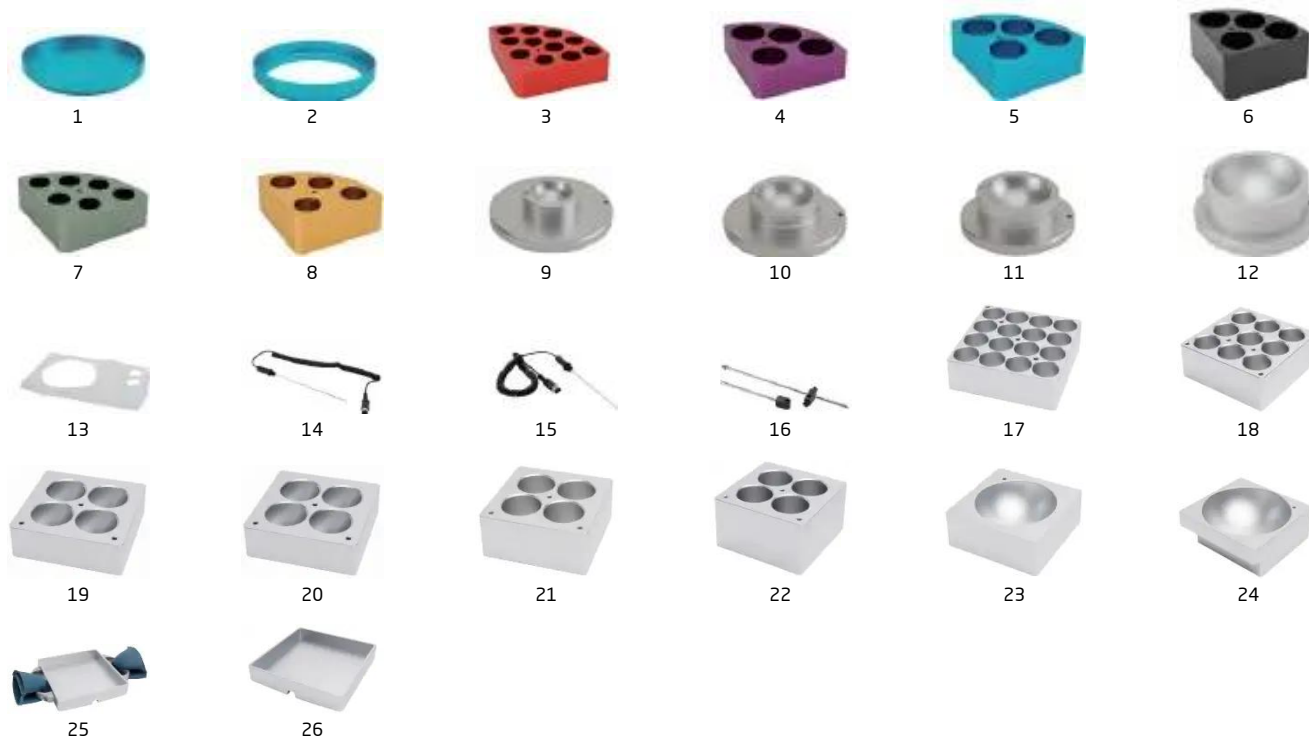


BFL1BH3

ACCESSORIES FOR PURCHASE BFL1BH1 BFL1BH2

No	Name	Description
1	Blue carrying plate	use with color quarter pies
2	Blue Fixed ring	use with color quarter pies
3	Red quarter pie	11 holes, 4mL reaction vessel, Ø15.2mm, 20mm depth
4	Purple quarter pie	4 holes, 20mL reaction vessel, Ø28mm, 24mm depth
5	Orange quarter pie	4 holes, 30mL reaction vessel, Ø28mm, 30mm depth
6	Black quarter pie	4 holes, 40mL reaction vessel, Ø28mm, 43mm depth
7	Green quarter pie	6 holes, 8mL reaction vessel, Ø17.8mm, 26mm depth
8	Golden quarter pie	4 holes, 16mL reaction vessel, Ø21.6mm, 31.7mm depth
9	Reaction block	Reaction block for 50mL round bottom flask (one flask capacity)
10	Reaction block	Reaction block for 100mL round bottom flask (one flask capacity)
11	Reaction block	Reaction block for 250mL round bottom flask (one flask capacity)
12	Reaction block	Reaction block for 500mL round bottom flask (one flask capacity)
13	F101 protective cover	temperature resistance of 135°C
14	Temperature sensor	PT1000-A, length of 230mm
15	Temperature sensor	PT1000-B, temperature sensor with glass coated, length 230mm
16	Support clamp	Support clamp of PT1000 Vertical bar length: 45cm, stems length: 25cm, stem diameter: 10cm
17	Square Module	Square Module, capacity of 16 x 4mL flat bottom, hole dimensions: Ø15.2x 18.5mm
18	Square Module	Square Module, capacity of 16 x 8mL flat bottom, hole dimensions: Ø17.5x23.5mm
19	Square Module	Square Module, capacity of 9 x 16mL flat bottom, hole dimensions: Ø20.5x 28.5mm
20	Square Module	Square Module, capacity of 4 x 20mL flat bottom, hole dimensions: Ø28.5x23.5mm
21	Square Module	Square Module, capacity of 4 x 30mL flat bottom, hole dimensions: Ø28.5x33.5mm

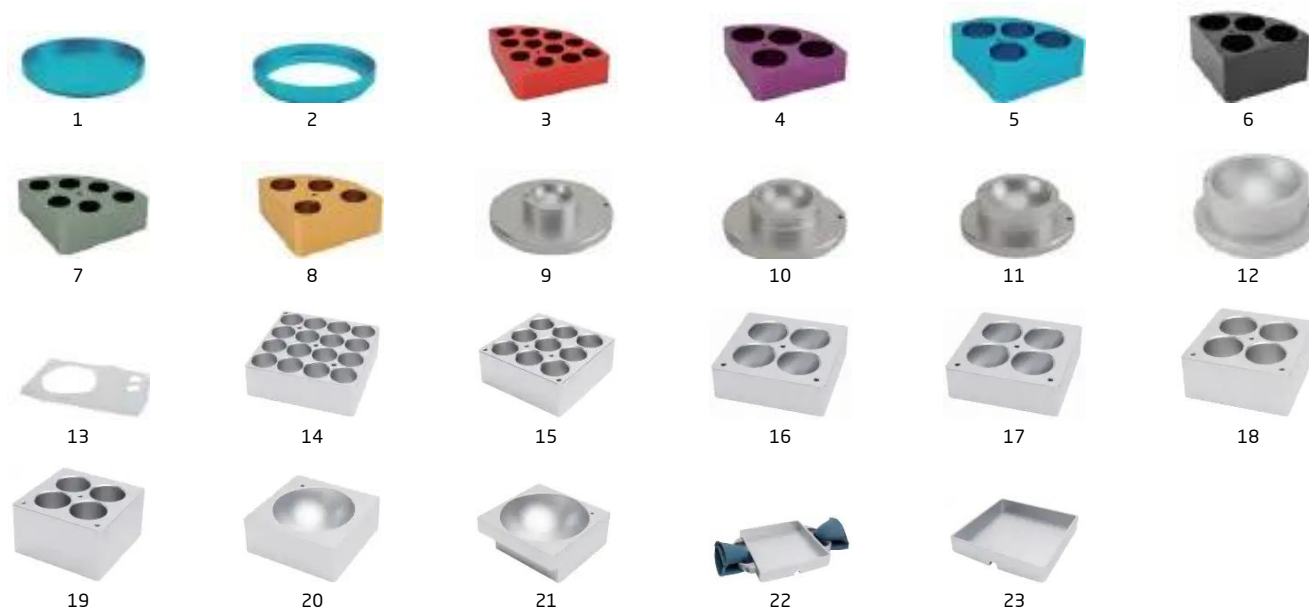
22	Square Module	Square Module, capacity of 4 x 40mL flat bottom, hole dimensions: Ø28.5x43.5mm
23	Square Module	Ø65x25.5mm-150mL (Aperture x Hole depth - Adapted container volume) Spherical Square Module
24	Square Module	Square Module, capacity 50mL round bottom, hole dimensions: Ø86x31.5mm
25	Square Tray	Square Tray with Handle (Length x depth x width: 160 x 32 x 160 mm), Suitable for 5-inch Ø135mm magnetic stirrer
26	Square Tray	Square Tray without Handle (Length x depth x width: 160 x 32 x 160 mm), Suitable for 5-inch Ø135mm magnetic stirrer



ACCESSORIES FOR PURCHASE BFL1BH3

No	Name	Description
1	Blue carrying plate	use with color quarter pies
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20	Square Module	Ø65x25.5mm-150mL (Aperture x Hole depth - Adapted container volume) Spherical Square Module
21	Square Module	Square Module, capacity 50mL round bottom, hole dimensions: Ø86x31.5mm
22	Square Tray	Square Tray with Handle (Length x depth x width: 160 x 32 x 160 mm), Suitable for 5-inch Ø135mm magnetic stirrer
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FEATURES BFL1BH1 BFL1BH3

Brushless DC motor is maintenance free and explosion-proof

Digital temperature control up to 340°C

Digital speed control up to 1500 rpm

Maximum stirring quantity of H₂O is 20 L

Safety circuits provide overheating protection

"HOT" warning flashes if plate temperature is above 50°C even when hotplate is turned off

High-resolution LCD display shows actual temperatures and speed (displays the time)

External temperature control is possible by connecting the temperature sensor (PT 1000) with accuracy at ±0.2°C

Work plate with ceramic coating provides good chemical-resistant performance

Remote function provides PC control and data transmission

Wide variety of accessories available to choose

Security:

International safety certification: CE, CTUvUS, FCC and other product safety cert., certifications issued by TUV Rheinland

Safety circuits provide overheating protection

"HOT" warning flashes if the work plate temperature is above 50°C

DC brushless motor free of maintenance and spark, and with long service life

Fully enclosed aluminum alloy housing with good heat dissipation performance and reliable protection capability.



External sensor



RS232 connector



Wide range of accessories



Chemical resistance



Brushless DC motor

FEATURES BFL1BH2

Brushless DC motor is maintenance free and explosion-proof

Digital temperature control up to 340°C

Digital speed control up to 1500 rpm

Maximum stirring quantity of H₂O is 20 L

Safety circuits provide overheating protection

"HOT" warning flashes if plate temperature is above 50°C even when hotplate is turned off

High-resolution LCD display shows actual temperatures and speed (displays the time)

External temperature control is possible by connecting the temperature sensor (PT 1000) with accuracy at $\pm 0.2^{\circ}\text{C}$

Work plate with ceramic coating provides good chemical-resistant performance

Remote function provides PC control and data transmission

Wide variety of accessories available to choose

Brushless DC motor is maintenance free and explosion-proof

Digital temperature control up to 340°C

Digital speed control up to 1500 rpm

Maximum stirring quantity of H₂O is 20 L

Safety circuits provide overheating protection

"HOT" warning flashes if plate temperature is above 50°C even when hotplate is turned off

Wide range timer function from 1 min to 99 h 59 min

High-resolution LCD display shows actual temperatures and speed (displays the time)

External temperature control is possible by connecting the temperature sensor (PT 1000) with accuracy at $\pm 0.2^{\circ}\text{C}$

Work plate with ceramic coating provides good chemical-resistant performance

Remote function provides PC control and data transmission

Wide variety of accessories available to choose

Security:

International safety certification: CE, CTUVUS, FCC and other product safety cert., certifications issued by TUV Rheinland

Safety circuits provide overheating protection

"HOT" warning flashes if the work plate temperature is above 50°C

DC brushless motor free of maintenance and spark, and with long service life

Fully enclosed aluminum alloy housing with good heat dissipation performance and reliable protection capability.



External sensor



RS232 connector



Wide range of accessories



Chemical resistance



Brushless DC motor

HOTPLATE MAGNETIC STIRRER BFL1BG1 BFL1BG2

MAGNETIC HOTPLATE STIRRER



LCD displays actual temperature & speed
 Built-in PID controller ensures safe heating of the medium with overheating protection
 Maximum heating plate temperature up to 550°C
 Glass ceramic work plate is resistant to corrosion and is easy to clean
 External temperature control is possible by connecting temperature sensor (PT1000) with an accuracy of $\pm 0.2^{\circ}\text{C}$
 Digital speed control with maximum range of 1500 rpm
 Outstanding brushless DC motor offers more stirring power
 Two knobs enable easy adjustment of speed and temperature
 "HOT" warning flashes when work plate temperature is above 50°C even when hotplate is turned off

SPECIFICATIONS

Model	BFL1BG1	BFL1BG2
Old Model		BHMS-103
Work plate Dimension [W x D]	184x184mm (7 inch)	
Work plate material	Glass ceramic	
Motor type	Brushless DC motor	Shaded pole motor
Stirring positions	1	
Max. stirring quantity, [H2O]	20L	10L
Max. magnetic bar length	80mm	
Speed range	100-1500rpm, resolution ± 1 rpm	0-1500rpm
Speed display	LCD	Scale
Temperature display	LCD	LED
Heating temperature range	Room Temp.-550°C, increment 1°C	Room Temp.-550°C, increment 5°C
Temperature control accuracy	$\pm 1^{\circ}\text{C}(<100^{\circ}\text{C})$ $\pm 1\%(<100^{\circ}\text{C})$	$\pm 10^{\circ}\text{C}$
Overheating protection	580°C	
Temperature display accuracy	$\pm 0.1^{\circ}\text{C}$	$\pm 1^{\circ}\text{C}$
External temperature sensor	PT1000 (accuracy $\pm 0.2^{\circ}\text{C}$)	
"Hot" warning	50°C	
Data connector	RS232	-
Protection class	IP21	
Motor rating output	10W	1.5W
Power	1050W	1030W
Heating output	1000W	
Voltage, Frequency	100-120/200-240V, 50/60Hz	
Dimension [WxDxH]	215x360x112mm	
Weight	5.3kg	4.5kg
Timer function	-	
Permissible ambient temperature and humidity	5-40°C, 80%RH	
Alt Name	LCD Digital Magnetic Hotplate Stirrer	LED Magnetic Hotplate Stirrer



BFL1BG1



BFL1BG2

ACCESSORIES FOR PURCHASE

No	Name	Description
1	Red quarter pie	11 holes, 4mL reaction vessel, Ø15.2mm, 20mm depth
2	Purple quarter pie	4 holes, 20mL reaction vessel, Ø28mm, 24mm depth
3	Orange quarter pie	4 holes, 30mL reaction vessel, Ø28mm, 30mm depth
4	Black quarter pie	4 holes, 40mL reaction vessel, Ø28mm, 43mm depth
5	Green quarter pie	6 holes, 8mL reaction vessel, Ø17.8mm, 26mm depth
6	Golden quarter pie	4 holes, 16mL reaction vessel, Ø21.6mm, 31.7mm depth
7	Temperature sensor	PT1000-A, length of 230mm
8	Temperature sensor	PT1000-B, temperature sensor with glass coated, length 230mm
9	Support clamp	Support clamp of PT1000 Vertical bar length: 45cm, stems length: 25cm, stem diameter: 10cm
10	Square Module	Square Module, capacity of 16 x 4mL flat bottom, hole dimensions: Ø15.2x 18.5mm
11	Square Module	Square Module, capacity of 16 x 8mL flat bottom, hole dimensions: Ø17.5x23.5mm
12	Square Module	Square Module, capacity of 9 x 16mL flat bottom, hole dimensions: Ø20.5x 28.5mm
13	Square Module	Square Module, capacity of 4 x 20mL flat bottom, hole dimensions: Ø28.5x23.5mm
14	Square Module	Square Module, capacity of 4 x 30mL flat bottom, hole dimensions: Ø28.5x33.5mm
15	Square Module	Square Module, capacity of 4 x 40mL flat bottom, hole dimensions: Ø28.5x43.5mm
16	Square Module	Ø65x25.5mm-150mL (Aperture x Hole depth - Adapted container volume) Spherical Square Module
17	Square Module	Square Module, capacity 50mL round bottom, hole dimensions: Ø86x31.5mm



1



2



3



4



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7



8



9



10



11



12



13



14



15



16



17

FEATURES

LCD displays actual temperature & speed

Built-in PID controller ensures safe heating of the medium with overheating protection

Maximum heating plate temperature up to 550°C

Glass ceramic work plate is resistant to corrosion and is easy to clean

External temperature control is possible by connecting temperature sensor (PT1000) with an accuracy of $\pm 0.2^{\circ}\text{C}$
Digital speed control with maximum range of 1500 rpm
Outstanding brushless DC motor offers more stirring power
Two knobs enable easy adjustment of speed and temperature
"HOT" warning flashes when work plate temperature is above 50°C even when hotplate is turned off
Remote function provides PC control and data transmission



Overheating protection



External sensor



Chemical resistance



Wide range of accessories

HOTPLATE MAGNETIC STIRRER BFA1CL1

MULTI-POSITION MAGNETIC HOT PLATE STIRRER

Multi-position Magnetic Hot Plate Stirrer is designed for the high-efficiency experiments and has 8 stirring bar configurations. It can use laboratory space efficiently. DC brushless motor makes the model, low speed but stable, high speed but powerful with low noise. Stainless steel is coated by silicone resin film disk. Non-slip and anti-corrosion.



Digital display stirring speed at real-time, stirring bars operate synchronously and provide uniform agitation reaction conditions.

Efficient multi-position magnetic stirrers with 8 stirring positions to use lab space efficiently.

DC brushless motor. Low speed but stable, high speed but powerful. Low noise and free maintenance.

Stainless steel is coated by silicone resin film pad. Non-slip and anti-corrosion.

Applies special heating technology, Surface temperature up to 120 °C.

SPECIFICATIONS

Model	BFA1CL1
Old Model	BMSS-201
Type	Heating
Stirring Point Quantity	8
Size of Stirring Bars	Φ8x46mm
Max. Stir Capacity	400mlx8
Digital Display	Temp. & speed
Speed Range	200~1200rpm
Temp. Control Range (surface)	R.T.+5°C~120°C
Platform Material	stainless steel with silicon pad
Motor	DC brushless motor
Voltage	AC 220V/ AC 110V, 50/60Hz
Power	400W
Fuse	250V,5A/3A, Φ5x20
Dimension	W.205xD.480xH.50mm
Net Weight	5.3kgs
Alt Name	Multi-Position Magnetic Hot Plate Stirrer



HOTPLATE MAGNETIC STIRRER BFA1C01

HEADS MAGNETIC HOT PLATE STIRRER

4 Heads Magnetic Hot Plate Stirrer has single-point and multi-point simultaneous stirring function, with mechanical timing, easy operation and stepless speed regulation, which can stably and precisely stir the liquid in a wide range. It is a common tool in petroleum, chemical industry, medical and health, environmental protection, biochemical laboratories, analysis rooms, and education departments.



Four heating plates independently control temperature and speed, independent display.

Adopt sheet metal shell, with high strength, high temperature resistance and corrosion resistance.

The temperature control adopts PID control algorithm, digital display, high precision, small flushing temperature (within $\pm 5^{\circ}\text{C}$), and internal and external PT1000 temperature measurement.

Can heat or stir 50ml~20L standard or non-standard reaction bottles.

Brushless DC motor, stable performance, low noise, long life and no sparks.

Heated by an enamel heating plate and the maximum surface temperature can reach 340°C .

The 30° bevel control panel is suitable for sitting and standing angles.

SPECIFICATIONS

Model	BFA1C01
Old Model	BHMS-201
Platform Size	$\Phi 137\text{mm}$
Platform Material	enamel
Speed Range	200~1200rpm
Temp. Control Range	R.T.+ 5°C ~ 340°C
Temp. setting range	30°C ~ 340°C
Temp. stability	$\pm 3^{\circ}\text{C}$
Stirring Point Quantity	4
Max. stirring capacity(H ₂ O)	2Lx4
Standard size of stirring bar	$\phi 8 \times 46\text{mm}$
External temp. sensor	PT1000
Adjustable safety min. temp. loop	50°C
Adjustable safety max. temp. loop	350°C
Voltage	AC 220V, 50/60Hz
Power	1600W
Fuse	250V ,10A, $\phi 5 \times 20$
Dimension	W.610xD.272xH.86mm
Net weight	8.5Kgs
Alt Name	Heads Magnetic Hot Plate Stirrer

FEATURES

Four heating plates independently control temperature and speed, independent display.

Adopt sheet metal shell, with high strength, high temperature resistance and corrosion resistance.

The temperature control adopts PID control algorithm, digital display, high precision, small flushing temperature (within $\pm 5^{\circ}\text{C}$), and internal and external PT1000 temperature measurement.

Can heat or stir 50ml~20L standard or non-standard reaction bottles.

Brushless DC motor, stable performance, low noise, long life and no sparks.

Heated by an enamel heating plate and the maximum surface temperature can reach 340°C .

The 30° bevel control panel is suitable for sitting and standing angles.

Magnetic stirring technology, stable at low speed, strong at high speed.



HOTPLATE MAGNETIC STIRRER BFL1BC1

MAGNETIC HOTPLATE STIRRER



Maintenance-free brushless DC motor
 Maximum speed 1100 rpm
 Maximum temperature of work plate up to 120°C
 Stainless steel work plate, covered with silicone cushion, provides excellent heating uniformity and skid resistance

SPECIFICATIONS

Model	BFL1BC1
Old Model	BMSS-105
Work plate dimension[W x D]	180x450mm
Work Plate material	Stainless steel covered with silicone cushion
Motor type	Brushless DC motor
Stirring positions	10
Max. stirring quantity	0.4Lx10
Max. magnetic bar [length]	40mm
Speed range	0-1100rpm
Speed display	scale
Temperature display	scale
Heating temperature range	Room temp.-120°C
Over temperature protection	140°C
IP Protection class	IP20
Motor rating output	4W
Power	490W
Heating Power	470W
Voltage, Frequency	100-120/200-240V, 50/60Hz
Dimensions[WxDxH]	182x622x65mm
Weight	3.2kg
Permissible ambient temperature and humidity	5-40°C, 80%RH
Alt Name	Magnetic Hotplate Stirrer



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