BioLAB

PRODUCT CATALOG

HOTPLATE MAGNETIC STIRRER BHMS-105

CE ISO9001 CERTIFIED

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HOTPLATE MAGNETIC STIRRER BHMS-105

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.

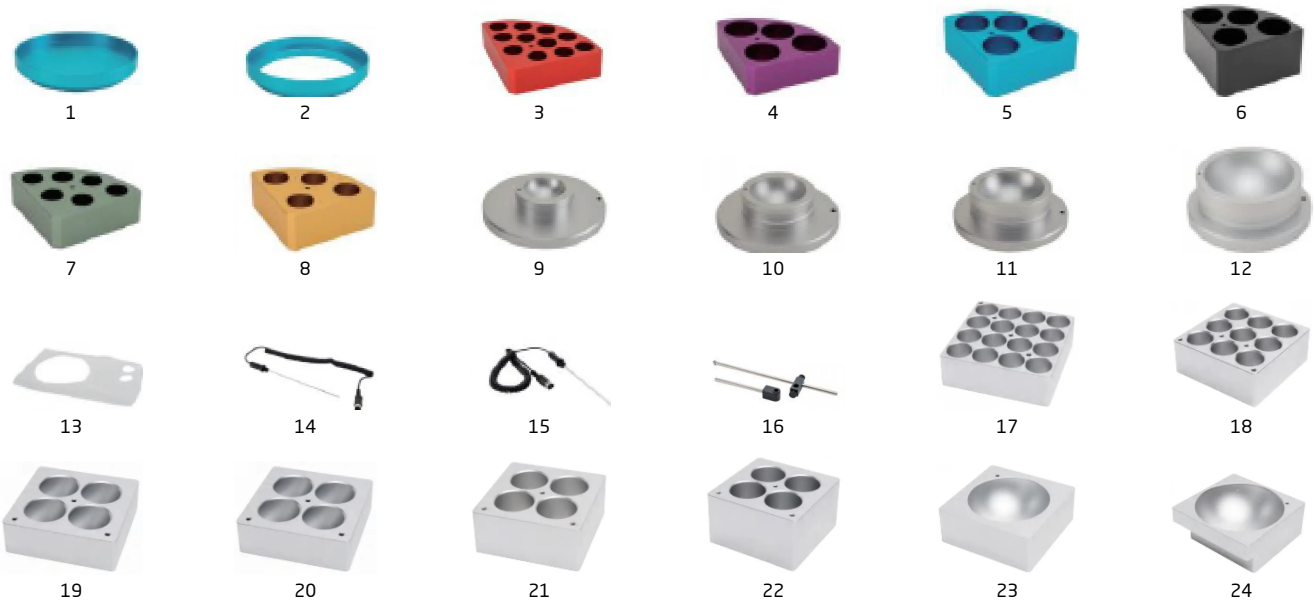
Digital temperature control with maximum temperature up to 280°C
Digital speed control with maximum speed up to 1500 rpm
Stainless steel with ceramic coating work plate provides high chemical resistant performance
External temperature control is possible by connecting temperature sensor (PT1000) with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

SPECIFICATIONS

Model	BHMS-105
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	±1°C(<100°C) ±1%(<100°C)
Overheating temperature protection	-
Temperature display accuracy	±1°C
External temperature sensor	PT1000 (accuracy±0.2°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℃
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



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Biolab Scientific Ltd.
Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com