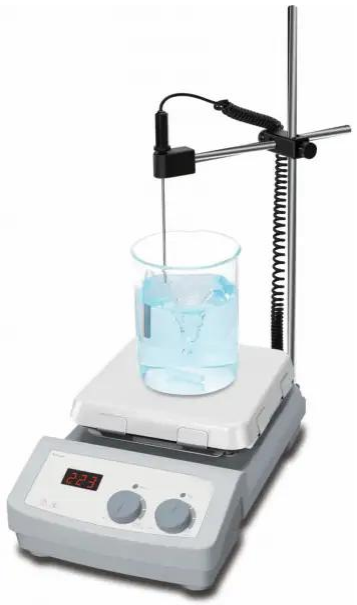
BioLAB

PRODUCT CATALOG



HOTPLATE MAGNETIC STIRRER BHMS-103

CE ISO9001 CERTIFIED

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HOTPLATE MAGNETIC STIRRER BHMS-103

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

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


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FEATURES

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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

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