



## HOTPLATE MAGNETIC STIRRER BHMS-103

## HOTPLATE MAGNETIC STIRRER BHMS-103

Compact, automatic and powerful hotplate magnetic stirrer has stainless steel material with a ceramic coating which prevents corrosion. It is available with external temperature sensor PT1000, timer, PC control. A warning sign is display when over-temperature. Timer can be set from 1min to 99h 59min. Used with a wide variety of accessories.

Used in Cell Culture, Laboratory, Research, Medical.

Also known as Laboratory Magnetic Hotplate Stirrer, Digital Magnetic Stirrer.

## BHMS-103 HOTPLATE MAGNETIC STIRRER



LED display target and actual temperatures

External temperature sensor PT1000 is available, display and control actual medium temperature, control accuracy of  $\pm 1^{\circ}\text{C}$

Separated safety circuits, fixed safety temperature of  $580^{\circ}\text{C}$ , automatically stops heating once exceed secure temperature

HOT warning indicates residual hotplate temperature.

LCD display would show "Hot" when hotplate temperature over  $50^{\circ}\text{C}$  warning point, even if switched off

## SPECIFICATIONS

Model	BHMS-103
Capacity	10 L
Stirring Positions	1
Speed Range	0-1500 rpm
Temperature	RT- $550^{\circ}\text{C}$
Permissible Ambient Temperature	$5-40^{\circ}\text{C}$
Temperature Increment	$5^{\circ}\text{C}$
Control Accuracy of Work Plate	$\pm 10^{\circ}\text{C}$
Temperature Accuracy	$\pm 1^{\circ}\text{C}$
Safety Temperature	$580^{\circ}\text{C}$
Control Accuracy with Sensor PT1000	$\pm 0.5^{\circ}\text{C}$
Permissible Relative Humidity	0.8
Heating Warning	$50^{\circ}\text{C}$
Motor rating Input [W&#93	15
Motor rating output [W&#93	1.5
Heating Output	1000 W
Work Plate Size	184x184 mm
Stirrer Dimension	80 mm
Platform Material	Glass ceramic
Speed Display	Scale
Temperature Display	LED
Remote Control (RS232 interface)	No
Motor Type	Shaded pole motor
Protection Class	IP21

Overall Dimension (WxDxH)	215x360x112 mm
Weight	4.5 kg
Power	1030 w
Power Supply	100-120V/200-240V, 50/60Hz



**Biolab Scientific Ltd.**

3660 Midland Avenue, Suite 300, Toronto, Ontario M1V 0B8, Canada

Email: [info@biolabscientific.com](mailto:info@biolabscientific.com) | Website: [www.biolabscientific.com](http://www.biolabscientific.com)