

# MAGNETIC HOTPLATE STIRRER STR23-550



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Rugged and compact magnetic hotplate stirrers are ergonomically designed and provide uniform heating surfaces. It delivers reliable and consistent stirring quickly and efficiently. The low-profile design of these magnetic hotplate stirrers makes them easy to store and fit into fume hoods.

Used in Cell Culture, Laboratory, Research, Medical.

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

## STR23-550 MAGNETIC HOTPLATE 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	STR23-550
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	$50^{\circ}\text{C}$
15	Motor rating output [W&#93
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	215Wx360Dx112H mm
Weight	4.5 kg
Power	1030 w
Power Supply	100-120V/200-240V, 50/60Hz

## OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Dimension
LS55170	Stirrer bar		10mm x 6mm
LS55171	Stirrer bar		15mm x 8mm
LS55172	Stirrer bar		20mm x 8mm
LS55173	Stirrer bar		25mm x 8mm
LS55174	Stirrer bar		30mm x 6mm
LS55175	Stirrer bar		40mm x 8mm
LS55176	Stirrer bar		50mm x 8mm
LS55177	Stirrer bar remover	Length of 200mm	
LS55180	Temperature sensor	Length of 230mm	
LS55181	Temperature sensor with glass coating	Length of 230mm	
LS55182	Temperature sensor	Length of 100mm	
LS55189	Red quarter pie	11 holes, 4 ml reaction vessel, Ø15.2mm, 20mm depth, used with SX1019 and SX1020	
LS55190	Purple quarter pie	4 holes, 20 ml reaction vessel, Ø28mm, 24mm depth, used with SX1019 and SX1020	
LS55191	Blue quarter pie	4 holes, 30 ml reaction vessel, Ø28mm, 30mm depth, used with SX1019 and SX1020	
LS55192	Black quarter pie	4 holes, 40 ml reaction vessel, Ø28mm, 43mm depth, used with SX1019 and SX1020	
LS55193	Green quarter pie	6 holes, 8ml reaction vessel, Ø17.8mm, 26mm depth, used with SX1019 and SX1020	
LS55194	Golden quarter pie	4 holes, 16ml reaction vessel, Ø21.6mm, 31.7mm depth, used with SX1019 and SX1020	
LS55195	Stirrer bar	Stirrer bar (65mm x 8mm), 1pc/pk	
LS55196	Stirrer bar	Stirrer bar (80mm x 13mm), 1pc/pk	



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