

# MAGNETIC HOTPLATE STIRRER STR21-280



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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.

## STR21-280 MAGNETIC HOTPLATE STIRRER

Heating temperature up to 280°C

Stainless steel with ceramic coated hotplate resists to corrosion

External temperature sensor PT1000 is available and control accuracy of  $\pm 1^\circ\text{C}$ , real-time control medium temperature.

LED display temperature and speed.

50°C HOT warning indicates residual hotplate temperature.

ABS casing with fire retardant material, resistance of weak acid and alkali



## SPECIFICATIONS

Model	STR21-280
Capacity	3 L
Stirring Positions	1
Speed Range	100-1500 rpm
Temperature	RT-280°C
Permissible Ambient Temperature	5-40°C
Temperature Increment	1°C
Control Accuracy of Work Plate	$\pm 1 (< 100^\circ\text{C})$ , $\pm 1\% (> 100^\circ\text{C})$
Temperature Accuracy	$\pm 1^\circ\text{C}$
Safety Temperature	320°C
Control Accuracy with Sensor PT1000	$\pm 0.5^\circ\text{C}$
Permissible Relative Humidity	0.8
Heating Warning	50°C
5	Motor rating output [W&#93
Heating Output	500 W
Work Plate Size	135 mm
Stirrer Dimension	50 mm
Platform Material	Stainless steel with ceramic coating
Speed Display	LED
Temperature Display	LED
Remote Control (RS232 interface)	No
Motor Type	Brushless DC motor
Protection Class	IP21

Overall Dimension	150Wx260Dx80H mm
Weight	1.8 kg
Power	515 W
Power Supply	100-120V/200-240V, 50/60Hz

## OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Dimension
LS52966	Support clamp of PT1000		
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	
LS55183	Reaction block	For 50ml round bottom flask (one flask capacity)	
LS55184	Reaction block	For 100ml round bottom flask (one flask capacity)	
LS55185	Reaction block	For 250ml round bottom flask (one flask capacity)	
LS55186	Reaction block	For 500ml round bottom flask (one flask capacity)	
LS55198	Protective cover		



**Biozef**

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