

# 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
Motor rating Input [W]	5
Motor rating output [W]	3
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 (WxDxH)	150x260x80 mm
Weight	1.8 kg
Power	515 W
Power Supply	100-120V/200-240V, 50/60Hz



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