

Infrared Hot Plates/ Stirrers SLR

Stirring, heating and controlling using the SLR



In addition to fast or temperature controlled heating, a lot of applications also require liquids to be stirred. Using our laboratory stirrer SLR with heating, the process of mixing liquids can be selected from careful to intense, and the device can also be used for speedy heating up or controlled temperature adaptation.

- > Corrosion-resistant glass ceramic top plate
- > Excellent transmittance of the infrared light
- > The top plate can resist up to 700°C thermal shocks
- > Hermetically sealed, corrosion-resistant, solid casing
- > Fast heating and excellent temperature stability
- > External control by the connection of a Pt100 temperature sensor
- > Large LCD display for setting and monitoring of temperature and speed
- > A high-temperature indicator warns the user and prevents burning injuries
- > Compressed air connector optionally available for the use in aggressive environments

Specifications

Model	SLR
Display Mode	LCD
Heating Capacity (kW)	1.8
Max. Hot Plate Temperature (°C)	550
Solvent Temperature (Pt100 sensor)(°C)	40-300
Temperature Stability (Pt100sensor)(°C)	±2
Min. Time to Boiling Point for 1L H ₂ O (min)	7(1L H ₂ O)
Speed Range (rpm)	50~1500
Setting accuracy (rpm)	10
Digital set/actual rpm display	yes
Top Plate Area (W x L in mm)	280*280
Heating Zone (mm)	Ø190
Mixing Capacity (L) H ₂ O	30
Top Plate Material	Ceramic Glass
Housing material	Die-cast, coated with anti-corrosion material
Environmental conditions	-5°C~ +40°C; Admissible air humidity 85%
Protection type / protection class	IP20, Level 1
Temperature sensor connector	Pt100
Interface	RS-232
Dimensions (L x W x H in mm)	450X282X115
max. load (kg)	25
Weight (kg)	4.1
Mains connection	230V/50Hz
Order No.	285416373

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