

labodam



Infrared Hotplates

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Infrared hotplate LIRH-A10

Infrared hotplate LIRH-A10 is a corrosion resistant ceramic glass plate with transmittance of infrared light for faster and uniform heating of sample. With a resistance of thermal shock upto 700 °C it boils 1 L of water within 10 minutes. Features an LCD screen displaying preset and actual temperature for monitoring of process. High-temperature indicator warns the user preventing burning injuries.

Features

- Corrosion resistant glass top ceramic plate
- LCD screen for visual monitoring of parameters
- Thermal shock resistance upto 700 °C
- Infrared light transmittance
- 24 step temperature regulator
- Hermetically sealed corrosion resistant casing
- Automated heating upto 1800 seconds
- High-temperature indicator warning
- Holder for convenient connection of accessories (optional)

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Features

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- High-temperature indicator warning
- Holder for convenient connection of accessories (optional)

Infrared hotplate LIRH-A12

Infrared hotplate LIRH-A12 is a corrosion resistant ceramic glass plate with transmittance of infrared light for faster and uniform heating of sample. With a resistance of thermal shock upto 700 °C it boils 1 L of water within 7 minutes. Features an LCD screen displaying preset and actual temperature for monitoring of process. Temperature can be externally controlled via temperature sensor. High-temperature indicator warns the user preventing burning injuries.

Features

- Corrosion resistant glass top ceramic plate
- LCD screen for visual monitoring of parameters
- Thermal shock resistance upto 700 °C
- Infrared light transmittance
- 24 step temperature regulator
- External controllable temperature
- Hermetically sealed corrosion resistant casing
- Automated heating upto 1800 seconds
- High-temperature indicator warning
- Holder for convenient connection of accessories (optional)

Applications

Used to uniformly heat samples and to heat glassware in a laboratory setting

Specifications

Model No	LIRH-A10	LIRH-A11	LIRH-A12
Display mode	LCD	LCD	LCD
Heating power	1.2 kW	1.8 kW	1.8 kW
Time to boil 1 L H ₂ O	10 mins	7 mins	7 mins
Heating zone	∅155 mm	∅ 190 mm	∅190 mm
Maximum capacity	25 L	25 L	25 L
Maximum hotplate temperature	550 °C	550 °C	550 °C
Top plate area (W x L)	285 x 285 mm	285 x 285 mm	285 x 285 mm
Top plate material	Glass ceramic	Glass ceramic	Glass ceramic
Temperature sensor connector			Yes
Admissible ambient temperature	10 °C ~ 40 °C	10 °C ~ 40 °C	10 °C ~ 40 °C
Admissible air humidity	85 %	85 %	85 %
Protection category	IP20	IP20	IP20
Protection class	1	1	1
Dimensions	395 x 295 x 110 mm	395 x 295 x 110 mm	395 x 295 x 110 mm