

## INDUSTRIAL FURNACE (REFRACTORY FURNACE)



### Model No- SLE RFR 001

Industrial Furnace or Refractory furnace is one of the internationally recognized brands of Sun Lab Equipment's. These are the customized furnace which can generate temperature up to 1100 deg C in varied range of working size. We have served these kinds of furnace to tooling industries, optical fiber industries and many other engineering industries.

- For continuous operation Robust Construction is provided.
- Furnace can be provided with ceramic fiber insulation faster heating.
- Uniform heating.
- Excellent control via Digital PID controller & Thyristors heater control.
- Low skin temp because of excellent insulation of ceramic fiber blanket & boards.
- Thyristorised control with / without transformer.
- Current Limit & Current trip feature for individual phase are provided in thyristor.
- Designed at reduced voltages with ample provision for Ageing compensation for longer life heater.

Equipped with CFC free refrigerants and air-cooled compressors, the instrument performs conditioning procedures required in various industries. The Humidity Chamber comes with aerodynamically shaped fans for maintaining heating, cooling, humidification and dehumidification efficiency and provides environmental simulations.

## Key Specifications:

Model	Horizontal
Construction	Double walled
Inner Chamber	Made of high quality ceramic.
Outer Body	Made of heavy-duty mild steel thick gauge plates with powder coated
Insulation	High grade ceramic wool to minimize the heat loss
Door	Highly Insulated door front opening
Working Size	600mm x 600mm x 1200mm (W X H X DEPTH)
Temp. Range	Up to 600 deg C with heat up time minutes 60

## Highlights:

Control	Digital Temperature controller
Display	Double display LED digital
Resolution	5 deg C
Input	Cr / Al thermocouple Sensors – K type
Output	Solid State Relay – 3 – 32 Volts D/C – 40 Amps / AC
Power Supply	3 Phase 440 Volts 60 Hertz
Wattage	18000 WATTS
Load Amperes	25 AMPERES

## Optional Features -

- Customized working size and temperature are available.
- Programable controller is available.
- Printer interface is available.

## some of our esteem clients....

Thank you customers for choosing us as your partners in growth !



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## Some of our Key LAB PRODUCTS:

					
Humidity Oven	Autoclave	Muffle Furnace	Vacuum Oven	Constant Temp Bath	BOD Incubator

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