

# Data Sheet

## Model: BRF14/10-SY

### High Temperature Chamber Furnaces



## INTRODUCTION

Sylab Scientific Pvt. Ltd., under technical collaboration with Elite Thermal Systems Ltd, UK, manufactures high quality furnaces in India.

Elite Thermal Systems, based in UK, is a 30-year-old furnace manufacturing company with strong brand recognition across the globe.

Sylab Scientific delivers high-quality solutions by leveraging technical expertise and components sourced from Elite Thermal Systems Ltd, UK.

The **BRF14-SY** high-temperature furnace features a chamber capacity that varies from 5 to 27 liters in its standard configurations. Additional chamber sizes and volumes are available in customized models.

The **BRF14/10-SY** high-temperature furnace has a capacity of 10 liters.



**BRF14/10-SY**

## SPECIFICATIONS

**Maximum Temperature:** 1400°C

**Maximum Continuous Temperature:** 1350°C

- | Chamber dimensions (mm): 190 x 180 x 305 (H x W x D)
- | Silicon carbide rod heating elements offer an extended operational lifespan and withstand the stress of intermittent operation
- | Energy efficient, high quality, low thermal mass ceramic fiber insulation
- | A manually operated, insulated vertical lift door opens upward and outward, keeping the hot face away from the operator
- | To ensure maximum operator safety, a positive break door switch isolates power from the heating elements whenever the door is opened
- | ELITE PID controller offering 8 programs with 8 segments each
- | R type Thermocouple
- | A small ceramic chimney is fitted as standard
- | **External Dimensions (mm):** 780 x 635 x 715 (H x W x D) (Indicative)
- | **Net Wt.:** 74 kg
- | **Supply / Power:** 230V– 1 Phase – 7.5 kW (Nominal)  
10.5 kW (Peak power)

## OPTIONS

- | Electrically operated door
- | Multi segment, multi program storage Controller
- | Digital over-temperature protection

**SYLAB SCIENTIFIC PVT. LTD.**

Formerly SYLAB PVT. LTD.

Ground Floor, B-50, Industrial Estate, Sanath Nagar, Hyderabad-500018. INDIA,  
Phone: +91 40 67216376 E-mail: sales@sylabscientific.com Website: www.sylabscientific.com