

# Data Sheet

Model: BMF11/7-SY

Laboratory Ashing Furnace



## 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 **BMF11-SY** Laboratory Ashing furnace offers a choice of chamber capacities ranging from 3 & 7 litres in standard versions. Other chamber capacities/volumes are offered in custom-built models.

The **BMF11/7-SY** Laboratory Ashing furnace has a 7-liter capacity.

## SPECIFICATIONS

**Maximum Temperature:** 1100°C

**Maximum Continuous Temperature:** 1050°C

**Chamber dimensions (mm):** 130 x 180 x 310 (H x W x D)

**Wire wound muffle**

**Compact bench mounted design**

**Designed for Ashing applications**

**Energy efficient, high quality, low thermal mass insulation**

**The BMF model provides a pre-heated airflow system and a large metal chimney to ensure good combustion conditions within the chamber and improved process fume removal from the chamber**

**Insulated door opens upwards and outwards keeping the hot face away from the operator**

**Vertically lifting door keeps the hot surface away from the user**

**ELITE PID controller offering 8 programs with 8 segments each**

**Hard ceramic base is fitted as standard**



**BMF11/7-SY**

\*The image shown above is for representational purpose only.

**External Dimensions (mm):** 680 x 535 x 520 (H x W x D)  
(Indicative)

**Net Wt.:** 39 kg

**Power Supply:** 230V– 1 Phase

**Energy rating:** 3.0 kW

## OPTIONS

**Independent Over-temperature protection system**

**Multi segment, multi program storage controllers**

**Powered exhaust, Chimney with fan**

**Crucibles (Alumina/Fused Silica)**

**Lids (Required while cooling)**

**Sample Trays**

**Tray Loading Handles**

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