

Data Sheet

Model: BMF12/3-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 **BMF12-SY** Laboratory Ashing furnace offers a choice of chamber capacities ranging from 3 to 15 litres in standard versions. Other chamber capacities/volumes are offered in custom-built models.

The **BMF12/3-SY** Laboratory Ashing furnace has 3-liter capacity.

SPECIFICATIONS

Maximum Temperature: 1200°C

Maximum Continuous Temperature: 1150°C

Chamber dimensions (mm): 90 x 150 x 235 (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



BMF12/3-SY

External Dimensions (mm): 593 x 400 x 505 (H x W x D)
(Indicative)

Net Wt.: 36 kg

Supply / Power: 230V– 1 Phase – 2.0 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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