

Data Sheet

Model: BMF12/7-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 **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 **BMF12/7-SY** Laboratory Ashing furnace has 7-liter capacity.

SPECIFICATIONS

Maximum Temperature: 1200°C

Maximum Continuous Temperature: 1150°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



BMF12/7-SY

| **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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