

Data Sheet

Model: BEB18/5

Bottom Loading Chamber Furnaces



INTRODUCTION

The **BEB18/5** Bottom Loading Chamber Furnaces has an electrically operated elevator hearth facilitating smooth loading / unloading of the sample/crucible. The design provides a fast hearth ascent/decant therefore making it ideal for rapid load transfer applications such as glass melting and firing of advanced ceramics. Other chamber capacities/volumes are offered in custom-built models.

BEB18/5 bottom Loading Chamber Furnaces with 5-liter capacity.

SPECIFICATIONS

Maximum Temperature: 1800°C

Maximum Continuous Temperature: 1800°C

Chamber (mm) - H x W x D
170 x 170 x 170

DC Motor with UP, DOWN and EMERGENCY stop controls: upper and lower limit switches are fitted.

Elevator Travel is 400mm nominal with 8 seconds travel time.

Molybdenum Disilicide heating elements on all 4 sides of chamber for good uniform heating.

Graded premium quality ceramic fibre insulation.

High end Microprocessor PID controller.

Overtemperature Protection System as standard.

The separate Control console is 810mm High x 550mm Wide x 650mm Deep.

A small ceramic chimney is fitted as standard.



BEB18/5

External Dimensions (mm): H x W x D **Net Wt.**
(Indicative only) 1060 x 550 x 650 200 kg

Supply / Power: 240V– 1 Phase – 6000 Watts, Thyristor control

OPTIONAL FEATURES

A flowmeter for inert gases.

A gas inlet for inert gases.

Alumina crucible.

Ceramic liner.

Multi segment, multi program storage controller.

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