



BANBROS ENGINEERING PVT. LTD.
The Precision Measurement

LABORATORY OVEN

- *VALUE*
- *VERSATILITY*
- *PERFORMANCE*



BLO-B SERIES



DESCRIPTION:

Laboratory Oven is a unique test cabinet designed to detect the change in the physical characteristics of material and to ascertain the actual working life of testing device at elevated temperature.

APPLICATION:

Laboratory oven are used for high-forced volume thermal convection application. These ovens generally provide uniform temperature throughout. Process application for laboratory ovens can be for annealing, drying sterilizing, and other industrial/laboratory function.

Some types of industrial that typically use these laboratory ovens are the healthcare industry, technology industry, agriculture, medical & food industries, research labs etc.

FEATURE:

- The insulation Gap between the walls is at least 100 mm. and high temperature Ceramic blanket are used as insulation material.
- The air circulation motor is mounted on side/top of the equipment and the blower is driven by belt pulley attachment. It protects the motor from Heat build upend damage due to it.

TECHNICAL SPECIFICATIONS:

Model No.		BLO-27B	BLO-43B	BLO-91B	BLO-122B	BLO-216B	BLO-324B
Chamber Size (mm)		300X300X300	350X350X350	450X450X450	450X600X450	600X600X600	600X900X600
Load		1.0kw	1.25kw	1.50kw	2.0kw	2.5kw	3.0kw
Trays		2/3 Nos. of S. Steel load bearing wire mesh shelves					
Max. Temp. Range (°C)		Ambient to 300 °C					
Working Temp. Range (°C)		Upto 250 °C					
Heaters		“U” type air heating element					
Temp. Controller		Digital PID microprocessor based Controller cum Indicator					
Temp. Accuracy		+/- 1 °C					
Temp. Uniformity		+/- 1 °C					
Door		Double walled sturdy door with catchers. Heavy hinges and asbestos/silicon gasket					
Insulation		High Grade Super fine material glass wool between the walls					
Air Circulation		Silent fan motor with heavy duly blower					
Ventilation		Air ventilation ports with dampers					
Safety Feature		Over temperature cut off					
Material	Chamber	Stainless steel (304 grade)					
	Outer	Powder coated steel/Stainless steel (304 grade)					
Power Supply		220V +/-10.50 HZ, 1 phase					



OPTIONAL:

- **Timer:** Automatic digital timer to control on/off cycle.
- **Outer Body:** Stainless steel in lieu of powder coated mild steel.
- **Economy Model:** Same as above but with Analog thermostat in lieu of digital controller cum indicator.

Note: *Due to continue product development, product image & Specifications are subject to change.
 *Customization can be done as per user requirement.