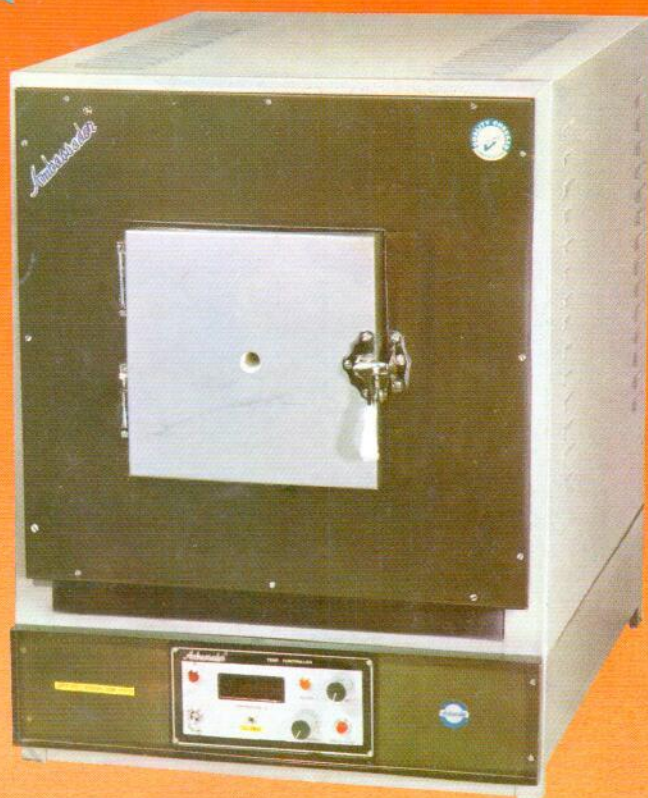


Ambassador®



High Temperature Furnace upto 1200° C.



High Temperature Furnace upto 1200° C. (BPI — 20)

Light weight ceramic fibre wool insulation is used instead of brick insulation. The weight & size of furnace is 30% as compare to brick furnace. Used for Hardening Tempering, Annealing, Reheating & Case Hardening etc.

UNPACKING :-

Unpacking the apparatus carefully.

ELECTRIC SUPPLY :-

To be connected only a socket of 230 volts AC 50Hz or 440 volts AC 3 phase Supply.

OPERATION :-

Switch ON main switch the indicator indicate for operation. Set the desired temperature in Digital Indicator cum controller. If the temperature exceed App. 15° C above the set point the alarm becomes ON.

* When operating the apparatus for the first time it has to be watched carefully and must not work without supervision.

CONSTRUCTION :-

The outer body is made of double walled thick P.C.R.C. Sheet, reattached with thick perforated sheet on the bottom portion. Air gap is provided between the temperature portion and controlling portion to safe controller from the heat. Furnace painted with attractive good stoving enamel.

HEATING ELEMENT :-

Heating Elements are made of KANTHAL A-1 wire in coil form placed in the ribs of the tiles, backed by Zirconia cerwool insulation, which avoids loss of heat.

TEMPERATURE CONTROL :-

Temperature is controlled by Digital indicator cum controller with safety Alarm system with a sensitivity of $\pm 6^{\circ}\text{C}$ or better.

AVAILABLE IN VARIOUS SIZES :—

No.	SIZE OF TILE		APP. RATING
	W	X H X D	
A.	100x100x225 mm	(4"x4"x9")	2.5 Kw
B.	125x125x250 mm	(5"x5"x10")	3.0 Kw
C.	150x150x300 mm	(6"x6"x12")	4.0 Kw
D.	200x200x300 mm	(8"x8"x12")	5.0 Kw
E.	200x200x450 mm	(8"x8"x18")	7.0 Kw
F.	300x300x300 mm	(12"x12"x12")	6.0 Kw
G.	300x300x450 mm	(12"x12"x18")	9.0 Kw
H.	300x300x600 mm	(12"x12"x24")	12.0 Kw

OPTIONAL ACCESSORIES :-

1. Digital timer of 24 hours can also be provided with built in Alarm System at an extra cost.
2. Programmable Controller can also be provided at an extra cost.

(Following Company's constant endeavour to improve design apparatus may differ in detail from that illustrated or described in this leaflets.)