



VERTEX

HOT AIR OVEN



MEMMERT MODEL



LAB MODEL

MEMMERT HOT AIR OVEN:

Memmert heating and drying ovens are used in research industry and pharmaceutical lines in a variety of applications such as heating, drying, ageing, sterilization, curing conditioning, stoving, etc. It is made from mild steel with powder coated for durability. The gap between the walls is filled with glass wool or puff insulation to avoid the loss of heat.

Heating elements are made up of high quality chrome plated nichrome wire and it is placed at the right and left side of the inner chamber.

Air ventilation is placed on top to remove the hot gases and fumes. Temperature is controlled by a Digital PID controller. Air circulation fan is given on top for maintaining the uniformity of temperature inside the chamber. Stainless Steel tray is provided for sample arrangement. Control panel is installed on the top of the oven for easy operations.

LAB HOT AIR OVEN:

Digital hot air oven is used to determine the moisture and solid content of paste, paint, powder, etc. It is also used for curing the stoving paint and powder coating after application on panels. It widely used in paint and coating industries, pharmaceuticals and cosmetic industries etc.

Hot Air oven is made up of mild steel with powder coated for durability. The gap between the inner and outer chamber wall is filled with glass wool or puff insulation to avoid the heat loss.

Heating elements are made up of high quality chrome plated nichrome wire and it is placed on the bottom side of the oven and Air circulation fan is given on bottom for maintaining the temperature. Control switches are and lamps are placed on the front of the panels at bottom.

SPECIFICATION:

	Hot Air Oven - Memmert Model	Hot Air Oven - Lab Model
Temperature Range	Ambient to 250°C	Ambient to 250°C
Accuracy	± 1°C	± 2 – 3°C
Sensor	Pt-100	Pt-100
Material	Outer Mild Steel body & Inner Stainless Steel	Outer Mild Steel body & Inner Stainless Steel
Fan Speed	1440 RPM	1440 RPM
Electronic Thermostat Safety Regulator	Available	Available
Microprocessor Dual Digital Display	± 0.1°C	± 0.1°C
supply	Working on 230 Volts 50 Hz AC single phase	Working on 230 Volts 50 Hz AC single phase

