

VACUUM OVEN

Designed to fulfill drying requirements under vacuum conditions, which helps prevention of surface reactions (such as oxidation), decontaminating samples (removing lubricants for example) as well as for speeding up the out gassing process.

In a vacuum oven, heating processes are carried out in an airtight chamber, where required vacuum level can be applied using an external vacuum pump; important consideration is what type of material will be processed

Applications:

Moisture Determination, Dry Sterilization, Chemical Resistance Studies, Out Gassing Solids, Vacuum Storage, etc.

Types of VACUUM OVEN :

Regular with PID type Digital Temperature Indicator cum Controller
GMP with PID type Digital Temperature Indicator cum Controller



Salient Features

- Advanced PID type Dual Display Temperature controller with settable Over Shoot Alarm
- » Temperature Range : Ambient +5.0° to 200.0°C
- » Working Range : Ambient +5.0° to 200.0°C
- » Accuracy : +/-2.0°C Minimum
- » Resolution : 0.1°C.
- » Uniformity : +/- 3 to 4°C Overall Chamber
- » Vacuum : Up to 759 mm Hg
(Depend on Atmospheric Pressure)
- » Specially black heat designed Spiral type insulated heaters
- » Heavy duty Solid State Relay for Heater Supply
- » Door sealed with Silicon Rubber Gasket and complete covered toughened glass 12mm thick
- » Keyless easy to operate door lock Toggle clamped type
3"size vacuum gauge gives better view
- » For viewing toughened glass window



with **FLAME PROOF CONTROLLER**

Working Chamber Size (mm) Dia × Depth	Rating (watts)	No of Shelves
230 × 300	750	2
300 × 380	1000	2
380 × 460	1500	3

RECTANGULAR MODELS

Working Chamber Size in mm W × D × H	300 × 300 × 300	350 × 350 × 350	350 × 350 × 510	450 × 450 × 450	450 × 450 × 600
Rating (watts)	750	1000	1500	2000	2400
No of Shelves	2	2	4	3	4