



Vacuum Oven



An ISO 9001:2000 Company

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Introduction:

Vacuum Ovens have gained wide acceptance for its remarkable performance in various Hi-tech Laboratories, Research & Development Centres, Industrial Houses, Medical Centres, Hospitals, Educational Institutes, Central & State Government Departments.

Salient Features :

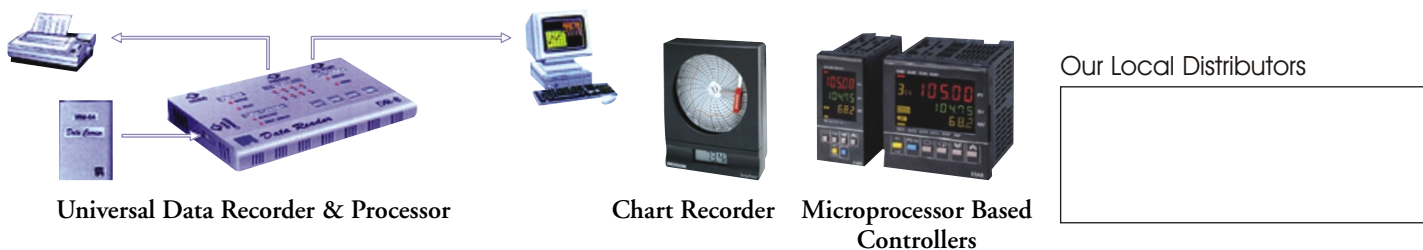
- Hi-tech Vacuum Oven-Double walled
- Inside-cylinder is made of thick stainless steel 304 Qty.
- Outside-MS sheet pre-greased, pre treated for rust proofing and powder coated.
- High grade mineral glass wool insulation the walls to avoid energy loss.
- Temperature ranges from 5°C above room temp to. 150°C with $\pm 2^\circ\text{C}$ accuracy.
- Precise vacuum control to 28 (70.2 cm) Hg displayed on analog gauge.
- Temperature controlled by a sensitive thermostat with a knob & reference dial/ solid state / micro processor based temperature controller cum indicator.
- Vacuum chamber is wrapped with a set of high quality heaters for quick and uniform heating.
- Door has a thick tempered toughened glass window, perfectly sealed with neoprene rubber gasket, for observation without disturbing thermal condition.
- Specially designed pre- treated MS door with inside stainless steel lining has a screwed door closure.
- Proper door alignment to ensure excellent vacuum performance and operator's safety · Positive screw to tighten the lid to obtain perfect seal.
- One removable stainless steel shelf.
- Fitted with diaphragm valves and a vacuum gauge.
- Designed to be operated at any pressure less than atmospheric pressure.
- Two neon lamps indicating control cycles as well as mains and heater switch.

Product Specifications :

Temperature Range	:	+5°C Above Ambient to 150°C
Temperature Accuracy	:	$\pm 2^\circ\text{C}$
Working Chamber Dimension	:	250mm (Dia) x 250mm (Depth)
	:	300mm (Dia) x 300mm (Depth)
	:	300mm (Dia) x 500mm (Depth)
Interior Chamber Volume	:	16 - 40 ltrs.
Voltage	:	220-230 V, single phase 50 Hz Ac

Optional Accessories (Advanced):

Microprocessor based programmable digital temperature controller cum indicator, Digital vacuum controller cum indicator with vacuum transducers. Data logger and complete data control and data acquisition system with computer . Complete logic control and remote location operation system.



Note : We also manufacture fully Automatic PLC Based Vacuum Ovens with Data Acquisition Systems with Customized Reporting & Validation Software.