

VACCUM OVEN



Krew Instrument's **Vacuum Ovens**, ideal for drying & heating temperature-sensitive materials. These ovens operate at a lower atmospheric pressure than the surrounding environment, reducing the boiling point of liquids, and preventing thermal degradation of sensitive materials. They are designed to achieve rapid and uniform heating & offer a reliable & precise solution for drying and heating of heat-sensitive materials. This Ovens are widely used in the pharmaceutical industry, research laboratories, and other industries where temperature-sensitive materials are handled.

KEY FEATURES

- Double walled modular structure with 3" glasswool installation.
- Inside stainless steel and outside mild steel duly powder coated or stainless steel.
- Stainless tray (wiremesh).
- PID temperature controller with dual display in LED, Set and Process point.
- Safety controller sensor cut off the supply in case of overshoot and under shoot of temperature giving alarm.
- Handle and hinges for positive sealing with lock and key arrangement.
- 230 AC single phase 50Hz.

SPECIFICATION

- Standard Model : Inside SS 304 and outer mild steel powder coated.
- GMP Mode : Inside SS 304 and outer SS 304.
- Temperature Range : Ambient +5°C to 200°C.
- Temperature Accuracy : $\pm 0.2^{\circ}\text{C}$.
- Temperature Uniformity : $\pm 2^{\circ}\text{C}$.
- Glass door for viewing with heavy hinges and lock with silicon gasket for air tight chamber.

VACUUM PUMP'S WE SUPPLY

- Max Flow (Ltrs/min) : 45
- Max Vacuum (Inch) : 27
- Max Press (PSIg) : 55
- Approx Weight (KG) : 9.0
- Motor HP : 1/4
- Approx Dimension (mm) : 290 x 120 x 180
- To create Vacuum upto 700 mm/HG

DOCUMENTS

- IQ, OQ & PQ documents.
- Operation and maintenance manual.
- Warranty certificate.

OPTIONAL ACCESSORIES

- 21 CFR part 11 Compliance software.
- Vacuum pump for vacuum oven.
- Printer interface.
- PLC based control system (as per client requirement).

AVAILABLE CAPACITY

Model No.	Capacity (Liters)	Rating Watts	Inner Chamber	No of Shelves	Connected Load
KVO - 27	27	1750	30 x 30 x 40	2	2KW
KVO - 40	40	2000	35 x 35 x 45	3	2KW
KVO - 90	90	2250	45 x 45 x 60	3	2.25KW



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