

# LABORATORY OVEN



Krew Instrument's Laboratory Ovens have multiple applications, including sterilizing biohazard waste, dissecting instruments, and media/reagents for aseptic assays. They also facilitate drying, heating, and environmental stress testing. These ovens play a crucial role in pharmaceutical industries and research laboratories. Krew Instruments' ovens have precision control and uniform heating, ensuring dependable and precise results, making them a top choice for technicians and researchers.

## KEY FEATURES

- Capacity of 90 liters to 600 liters.
- Microprocessor controlled temperature controller.
- Specially designed stainless steel baskets.
- Glass wool insulation. 80/20 Ni-Cr wire heating coil.
- Air circulation by motorized blower for uniform distribution of Temperature inside the chamber. Available SS Rod Trays with Chrome plating

## CONSTRUCTION FEATURES

- Standard Model: Inner stainless steel (304) 0.8mm thickness and outer mild steel, 1.0m m thickness powder coated.
- GMP Model: Inner stainless steel (304) 0.8mm thickness and outer Stainless steel, 1.0m m thickness Mirror Finish.

- Lockable door for added safety of samples.
- Thermostat for Cut off Over shoot Temperature to prevent loss of samples and equipment..
- Adjustable stainless steel trays.
- High and low Alarm in case the inside temperature overshoots the preset value.

## TEMPERATURE SPECIFICATION

- Temperature range 5°C above ambient temperature to 250°C
- Temperature accuracy  $\pm 1^\circ\text{C}$
- Uniformity  $\pm 2^\circ\text{C}$

## TEMPERATURE CONTROL

- Operating temp. 5°C above ambient temperature to 250°C.
- Motor and blower arrangement to have uniformity of temperature in loaded condition.
- Automatic Microprocessor based PID Temperature Controller with Digital Indicator & PT - 100 sensors and timer.
- High quality compressed glass wool insulation between walls to prevent heat - loss.

## SAFETY STANDARDS

## DOCUMENTS

- Calibration certificate with supporting document of NABL Certificate (Govt. of India).
- User manual
- Warranty card

## OPTIONAL ACCESSORIES

- Stabilizer
- Data Logger
- Safety Controller

## AVAILABLE CAPACITY

Model No	Inner Size (H x W x D) in CMS	Volume (in litres)	No of Trays
KLO - 90	45 x 45 x 45	90	2
KLO - 120	45 x 45 x 60	120	2
KLO - 215	60 x 60 x 60	215	3
KLO - 250	45 x 60 x 90	250	3
KLO - 325	60 x 60 x 90	325	4
KLO - 425	60 x 60 x 120	425	5
KLO - 600	68 x 75 x 120	600	6



📍 Krew Instruments Pvt Ltd.

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