

VACUUM OVEN (MICROPROCESSOR CONTROLLED)

MODEL : MV

TECHNICAL SPECIFICATIONS

Microprocessor based Vacuum ovens are accurate and reliable. Proportional Integral Derivative (PID) temperature control system continuously monitors rate of temp. change, eliminating temperature overshoot and undershot. Heaters are embedded on the periphery of the chamber (for cylindrical ovens) / tubular air heaters placed at the bottom of chamber (for rectangular ovens), providing excellent temperature uniformity and quick heating times. The gap between the inner and outer wall is filled with special grade glass wool insulation. Outer body is made of mild steel finished in attractive powder coating and inner chamber of stainless steel, with 2 Nos. wire mesh trays. Moulded, Joint less door gasket and knob ensure a tight seal. Fitted with bourden type dial gauge of range 0-30" Hg. Gas valve allows evacuation & venting. The front door has heat resistant glass window, for allowing viewing of samples. (except for model : MV-3) # WITHOUT VACUUM PUMP



MODEL : MV-2

OPTIONAL :

- (1) DIGITAL VACUUM GAUGE
The units of vacuum can be set as desired i.e. Torr, mm Hg, Bar, mille Bar Resolution = ± 1 Torr / mmHg / Millibar
- (2) VACUUM PUMP
Double Stage Direct Drive Rotary Oil Filled Vacuum Pump Capacity : 100 Ltr. / min, Motor : 0.25 HP, with solenoid valve to prevent back flow of oil.

MODEL	TEMP. RANGE	TEMP. ACCURACY	INNER SIZE (MM)
NW2	SU, 6"D IUP 241"D	, 2"D	Dia x Depth (Cylindrical)
NW3	SU, 6"D IUP 361"D	, 2"D	2/ 361 y 461 n n
NW4	SU, 6"D IUP 411"D	, 2"D	3/ 411 y 486 n n
			L x W x D (Rectangular)
NW3S	SU, 6"D IUP 311"D	, 2"D	2/ 411 y 411 y 411 n n
			3/ 466 y 466 y 466 n n

LYPHOLIZER / FREEZE DRYER

MODEL : MFD-6 / MFD-12

TECHNICAL SPECIFICATIONS

Aesthetically designed cabinet gives a pleasant look. It is a free standing castor mounted unit. It is supplied with a powerful double stage vacuum pump. Hermetically sealed compressor gives temperature upto -40°C (at ambient temp. 20°C) Condenser trap is provided of stainless steel dished bottom for complete effluent removal. Refrigerant coils made of copper are PUF insulated for maximum efficiency. Temperature is adjustable upto -40°C and is maintained automatically by Microprocessor digital temp. controller. Vacuum drum having 22.8 cm dia and 25.4cm height is made up of non magnetic stainless steel with plexiglass top cover and incorporates 6/ 12 quick seal valves/ports for manifold drying. Double stage vacuum pump with gas blast giving vacuum 1 x 10-3 torr on Mc-leod Gauge. Fitted with Dial type Vacuum gauge. Suitable to work on 220V, 50 Hz AC supply.

Capacity : N GE. 7!!!; 14 l r j u f s t l g p s l 7 l f t u t
!!!!!!N GE. 23 l; 16 l r j u f s t l g p s l 23 l f t u t



MODEL : MFD-12

UV CABINET

MODEL : MUV - 30 / MUV - 40

TECHNICAL SPECIFICATIONS

The U.V. Cabinet is made of mild steel sheet duly powder coated. It is fitted within 3 Nos. of tubes short-wave (254nm) + long-wave (365nm) + Fluorescent light. The Cabinet, with separate on / off switches for each tube light. The samples can be placed in the cabinet from the front door and viewed from the viewing window at the top of the cabinet. MUV-40 : Same as above but with short wave filter.



MODEL : MUV-40