

MAC

VACUUM DRYING OVEN MSW-218

ADVANTAGES OF SMART DESIGN



Automatic
Temperature
Control



Over
Temperature
Alarm



Detachable
Partition

LED

Convenient
Reading



Cold Rolled
Steel Shell



Thickened
Glass



Images for reference purpose only, may change according to model & size

PRODUCT DETAILS



DEFLATION VALVE



SHELF



HINGE



VACUUM VALVE



VACUUM METER



HANDLE

APPLICATIONS & ADVANTAGES

- .. Suitable for vacuum Drying, baking, Conditioning, Curing, Out-gassing. Solids and Liquids, Vacuum Embedding, Moisture Testing, Plating, Aging Test.
- .. **High Temperature Insulation :** Vacuum oven series is wrapped with high temperature insulation to keep the outer surface of the oven chamber from becoming too hot to touch.
- .. **Precise Temperature Control :** The PID Controller, combined with efficient placement of appropriately sized heating elements, maintains precise temperature stability with no overshoot.
- .. **Innovative Design :** The doors have positive latch handles with spring-loaded toughened glass to facilitate proper vacuum seal without hinge binds that decrease gasket life.
- .. Achieves Impressive Vacuum Levels With Silicon Vacuum Gasket
- .. Microprocessor Controlled System Implementing Superior Temperature Accuracy.
- .. Superior Uniformity and stability.
- .. Very easy and convenient vacuuming and venting ports.
- .. Easy to read vacuum gauge.
- .. High Quality door sealing made of silicon.
- .. Prevent oxidation, decarburization due to inert atmosphere.
- .. Heat Transfer from concealed heaters for temperature uniformity.
- .. Easy to use – sliding stainless steel shelf.
- .. Solid door of steel plate.



CONSTRUCTION FEATURES

- .. User friendly round internal chamber made up of stainless steel(SS-304)
- .. Exterior construction of steel with heat cured epoxy powder coating.
- .. Sliding shelf made up of stainless steel(SS-304)

TECHNICAL SPECIFICATION & ORDERING INFORMATION

Temperature Range	Ambient +5°C to 200°C
Accuracy	±1°C
Temperature Controller	Microprocessor Based Semi Automatic Digital Temperature Indicator-Cum-Controller With LED Display & Digital Timer OR TFT Touch Screen Display Controller(as Ordered)
Sensor	PT-100
Display	Digital LED Display for Set Value (SV) and Process Value (PV) OR TFT Color Display
Material Internal	Stainless Steel (SS-304)
Material External	CRC Sheet duly powder coated
Material Insulation	Mineral Wool
Shelves	Stainless Steel (SS-304)
Door Gasket	High Temperature Silicone Rubber
Valves	Two diaphragm valves for admission of inert gas/dry air etc.
Power Supply	220/230V, 50/60Hz

RECTANGULAR INNER CHAMBER DIGITAL MODEL

MODEL	INTERNAL DIMENSION (W X D X H) (MM)	CAPACITY	VOLUME
#V0-28	300 x 300 x 300	28 Ltrs.	1.0 Cuft
#V0-50	370 x 415 x 345	50 Ltrs.	1.7 Cuft
#V0-95	450 x 450 x 450	95 Ltrs.	3.4 Cuft
#V0-210	550 x 650 x 600	210 Ltrs.	7.5 Cuft

ROUND INNER CHAMBER DIGITAL MODEL

MODEL	INTERNAL DIMENSION (DIA X DEPTH) (MM)	CAPACITY	VOLUME
#V0-12	250(Ø) x 300(D)	12 Ltrs.	0.42 Cuft
#V0-22	300(Ø) x 300(D)	22 Ltrs.	0.74 Cuft
#V0-44	300(Ø) x 600(D)	44 Ltrs.	1.49 Cuft

OPTION

- Vacuum Control valve for auto switching ON / OFF of Vacuum Pump at desired vacuum range.
- Oil Free Vacuum Pump {#OFPP-100(DS)} to cost extra.
- Direct Driven Oil Vacuum Pump to cost extra.
- M.S. Stand for above units.

MAC

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