

Vacuum Degassing Chamber & Pumps

Features

Vacuum degassing is the process of using vacuum to remove gases from compounds which become entrapped in the mixture when mixing the components. To assure a bubble-free mold when mixing resin and silicone rubbers and slower-setting harder resins, a vacuum chamber is required. A small vacuum chamber is needed to eliminate air bubbles for materials prior to their setting. The process is fairly straightforward. The casting or molding material is mixed according to the manufacturer's directions.

Product Features of the Chamber

Vacuum chamber has a rounded edge at the top, for the protection of silicone gasket.
Vacuum gauge is assembled on a separate port, so that the reading remains accurate even while pumping/venting the chamber.
Gauge reading in both in Hg and Mpa.
All its are vacuum tested for 24 hours before packaging. (leakage less than 2.0 in Hg at 24 hours)
The gasket is chemically resistant to butane and other solvents.
25 mm thickness Acrylic lid for long life and clear visibility.
Strong elastic food grade silicone vacuum hose can connect/disconnect easily with the pump/chamber.
5um air filter on the vent valve to reduce air flow and prevent any dust/powder flowing into the chamber.
Easy to install and low-cost to maintain: the chamber can be assembled in 5 minutes.
30 day complimentary warranty and life-long parts support.



Applications :

Resin & Silicon Degassing
Jewelry Casting
Laboratory Degassing
Food & Beverages

Note :

before Placing Order Follow FAQ

- 1) Once Confirm Chemical Capability
- 2) Material Viscosity
- 3) Material Curing Time

Safety compliance:

CE , ISO certification

Product Specs & Part List of the Chamber

Vacuum Chamber: stainless steel
Lid: Acrylic
Vacuum Gasket: Viton, resistant to Butane and other solvents.
Vacuum Gauge Assembly: 0.5 in Hg accuracy.
Valve Assembly: very high quality air-tight brass valves, with 5um filter on vent port
Vacuum Hose: 3.3' / 1 meter food grade collapse-proof silicone hose, 3mm wall thickness (8mm I.D, 14mm O.D)
Vacuum Pump Adapter: 3/8" hose barb to 1/4 SAE flare port

Product Code	Ordering Information		
	Capacity in Ltr	Size In Inch(Inside)	Compatible Pump
1110-005	5	11"x6"	2 CFM
1110-010	10	11"x12"	5 CFM
1110-020	20	11"x24"	6 CFM
1110-030	30	12"x18"	8 CFM
1110-040	40	15"x20"	10 CFM
1110-050	50	25"x30"	12 CFM

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Available Industrial Chamber Also (On Request)



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