



- Digiqual -

DIGIQUAL SYSTEMS

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Specification for Rectangular Vacuum Oven Model DQ-VO-01



Chamber design	Rectangular
Vacuum range	Up to -760 mmHg (30 psi)
Temperature range	Ambient+5°C to 250°C
Temperature sensor	PT100
Temperature controller	Digital PID controller Display of SV & PV
Inner chamber	Hermetically welded stainless steel 304 sheet 1.2 mm Thck
External cabinet	Fully SS 304. Of 1.2 mm Thck.
Door	Solid door with clamp & toughened glass window
Gasket	High temperature silicon gasket
Shelves	Removable SS shelves
Vacuum fittings	Vacuum inlet / outlet valves
Standard fittings	Mains on/off switch Vacuum pump on/off switch

Mfrs: Lab & Industrial Ovens, Furnaces, Incubators e.t.c, Thermocouples, RTDs, All types of Electric Industrial Heaters, etc...

	Electric socket for vacuum pump
Power supply	220 Volts 50Hz

Chamber Details & Other detailed specifications Mentioned Below.

- Vacuum Oven capacity: 30 Ltr.
- Shelves Inner dimension [L X W X D mm]: 300 X 300 X 300
- External dimensions [L X W X D mm]: 590 X 420 X 460.
- Oven material of construction: S.S. 304 grade for inner and ss 304 For outer chamber of the oven and also inside the chamber fitted with two rack.
- Heating system: Stainless steel tubular heaters controlled by solid state relay and safety relay excessive temperatures.
- Controller: Fitted with accurate PID temperature controller with auto tuning, temperature deviation alarm.
- Temperature range: 50°C to 250°C.
- Resolution: 0.1°C.
- Rated power supply: 230V, 50Hz, 15A.
- Valves: Separate vacuum release valve releasing vacuum by gentle turn of the knob. below the tray, ensures rapid and equal heating without any thermal loss.
- Line connections: Separate vacuum connection lines and inert gas filling lines with required valve for inlet and outlets.
- Material of construction: Inner and outer material construction of S.S. 304 grade.
- Provisions: The door will be provided with silicon gasket & positive latch to maintain seal at all vacuum levels.
- Door with glass window for viewing of the sample inside the chamber. Heater mounted below the tray, ensures rapid and equal heating without any thermal loss.

Our Recent Vacuum Oven Supply PO Details to Igar.

1. DPS/MRPU/IGCAR/LAB/4502/PO/120096 , Dt. 13-3-2018 (IGCAR Supply)

Our Recent Vacuum Oven Supply PO Details to Pondicherry University.

PU/CNST/Dr.RR/NPDF/2018-19/1396, dt. 21-10-2018. (Pondicherry University)



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Few Other Images of Vacuum Oven.



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