

2. Vacuum Drying Oven

Vacuum Drying Oven serves a wide scope of industries and is to promote gentle drying of high quality and value products containing water or solvents, without affecting any of the product characteristics.

During vacuum drying the pressure is reduced within the oven so that the water or solvents begin to evaporate at lower temperatures.

The rate of drying can thus be optimized by careful control of the temperature and pressure.

System consists of an oven with shelves for trays, a heating system, and a vacuum system, all kept in balance by a precise control system.



Model	OVD-151 (ex. NVDO-1501)	OVD-152 (ex. NVDO-1502)
Chamber Size(W×D×H/mm)	300×350×300	400×450×400
Chamber Capacity	32ℓ	72ℓ
Heater	1000W	2000W
Power	110/230Volt, AC, 50/60Hz	
Controller	Digital display and PID-Auto turning control with alarm multi timer	
Temp. Range	Room temp. +10℃ to 150℃	
Temp. Stability	±1.5℃	
Temp. Sensor	PT100Ω	
Vacuum Range	100~760mmHg	
Chamber Material	SUS #304 3t&4t	
External Material	Double painting & baked. SS #41	
Door Packing	Molded high temp silicone rubber	
Door Glass	Tempered clear glass 15t	
Insulation	Glass wool & Ceramic wool	
Safety	Over temp. limit and NFB	