

## Description

VO series vacuum drying oven is specially designed for drying heat sensitive, easy decomposition and easy oxidation substances. When working, it can maintain a certain vacuum in the working room, and can be filled with inert gas, so that some complicated articles can also be dried quickly.



## Features

### 1. High quality material:

Adopt thickened steel inner chamber, ensures that the instrument does not deform in long-term use under different vacuum degrees.

### 2. Special designed structure:

The door is designed with double layer, inside layer fixed by springs, to offer better leakproofness.

### 3. Convenient temperature control:

PID control temperature with digital display, heating shelf adopt good quality aluminum alloy, with good thermal conductivity.

### 4. Heat isolated casing and door:

The oven sides, top and door are all filled with heat-insulating material (not including glass), to ensure the operators are not scalded.

## Specifications

Model		VO-24D	VO-52D	VO-91D
Heating type		four-side heating		
Performance	temp. range	RT+10~250℃		
	vacuum degree range	<133PA		
	temp. resolution	0.1℃		
	temp. fluctuation	±1℃		
	warming up time	80 minutes	100 minutes	120 minutes
Structure	chamber material	stainless steel		
	thermal insulation material	aluminum silicate fiber		
	observation window	bulletproof toughened glass		
	rated power	0.8kw	1.4kw	2.0kw
Controller	temp. control	PID control LED display		
	vacuum degree display	vacuum meter		
	timer	0~9999minutes		
	sensor	Pt100		
	Safety device	over-temperature alarm		
Specification	working size (W*D*Hmm)	300*300*270	415*370*340	450*450*450
	exterior size (W*D*Hmm)	480*480*606	560*540*680	640*590*780
	packing size (W*D*Hmm)	609*570*759	724*640*834	759*720*939
	working capacity	24L	52L	91L
	shelf load bearing	15kg		
	layer of shelf	2 layers		
	height between shelves	100mm	140mm	185mm
	air inlet /air outlet	φ14mm		
	power source	AC220V ( 50/60Hz)/3.6A	AC220V ( 50/60Hz)/6.3A	AC220V ( 50/60Hz)/9.1A
	NW/GW	42/52kg	67/92kg	82/105kg
Optional device	shelf, vacuum pump			