

HBIO 360

DELIVERING VALUES THROUGH SOLUTIONS

Vacuum Drying Oven

21 CFR Compliance Software



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 and external 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.

5.21 CFR software features

- >Online Display of Process Values & Stored Records in
- >Graphical & Tabular Forms with Alarm Indications
- >Mean Kinetic Temperature (MKT) Computation
- >Automatic Periodic Downloading of Records Stored in Controller
- > Access Control According to Authority Level
- >User Actions with Signing & Authorization
- >Data Log Reports with User Configurable Title, Footer & Header
- >Data Log Report, Alarm Log Report, History Graph & Audit Trail Report in PDF formats
- >Audit Trail History of Critical Events & User Actions

Model		HB-VO-24D	HB-VO-52D	HB-VO-91D
Heating type		four-side heating		
Performance	temp. range	RT+10~250°C		
	vacuum degree range	<133PA		
	temp. resolution	0.1°C		
	temp. fluctuation	±1°C		
	warming up time	80 minutes	100 minutes	120 minutes
Structure	chamber material	exterior and interior - stainless steel (34)		
	thermal insulation material	aluminum silicate fiber		
	observation window	bulletproof toughened glass		
	rated power	0.8 KW	1.4 KW	2.0 KW
Controller	temp. control	PID control LCD display		
	vacuum degree display	vacuum meter		
	timer	0-9999 minutes		
	sensor	pt100		
	Safety device	over-temperature alarm		
Specification	working size(W+D+H)/mm	300x300x270	415x370x340	450x450x450
	exterior(W+D+H)/mm	480x480x606	560x540x680	640x590x780
	packing(W+D+H)/mm	609x570x759	724x640x834	759x720x939
	working capacity	24L	52L	91L
	shelf load-bearing	15 Kg		
	layer of shelf	2 layers		
	height between shelves	100mm	140mm	185mm
	air inlet/air outlet	14mm		
	power source(AC)(V/Hz)	220/(50/60 Hz)/3.6A	220/(50/60 Hz)/6.3A	220/(50/60 Hz)/9.1A
	NW/GW	42/52 Kg	67/92 Kg	82/105 Kg
optional device	shelf, vacuum pump			