

Oven

Vacuum Drying Oven



BOV-30V/BOV-50V



BOV-90V/BOV-215V



BOV-90VL/BOV-215VL

Introduction:

Vacuum drying oven is a kind of laboratory equipment for drying and heating treatment under vacuum environment, specially designed for drying heat-sensitive, easy to decompose and easy to oxidize substances, when working, it can keep a certain degree of vacuum in the working chamber, especially some items with complex composition can also be dried quickly.

Features:

- * Outer material : cold rolled steel plate with spraying surface; inner material : SUS stainless steel plate.
- * PID microprocessor temperature control with LED display.
- * Integral molded silicone rubber door seal ring for good air tightness.
- * Toughened bulletproof double glazed doors.
- * With parameter memory function, automatically resume operation when power restoration.
- * The heater is located in the chamber on the shelf, and separate temperature control, with a short heating time, the same level of temperature uniformity is good. (Except BOV-30L/50L)

Technical Parameters:

Model	BOV-30V	BOV-50V	BOV-90V	BOV-215V	BOV-90VL	BOV-215VL
Capacity	23L	53L	91L	213L	91L	213L
Temp. Range	RT+10~200°C	RT+10~250°C	RT+10~200°C			
Temp. Fluctuation	±1°C					
Vacuum Degree	<133Pa					
Vacuum Display	Pointer-type vacuum pressure gauge		Pointer-type differential pressure vacuum gauge with rotatable vacuum value		LED digital display, push button input of the vacuum value	
Vacuum Control	Manual control		Automatic differential pressure control		Pressure sensor+deviation control	
Timing Range	0~9999min					
Power Supply	AC 220V, 50/60Hz (Standard); 110V, 50/60Hz (Optional) (External transformer)					
Consumption	500W	1400W	1600W	2200W	1600W	2200W
Shelf	Aluminum shelf*1	Aluminum shelf*2	Fixed electric heating aluminum plate*2	Fixed electric heating aluminum plate*3	Fixed electric heating aluminum plate*2	Fixed electric heating aluminum plate*3
Standard Accessory	Shelves		Shelves, vacuum pump, vacuum tube			
Optional Accessories	Vacuum pump: 2FY-2C-N (AC 220V, 50Hz) or 2XZ-2(AC 220V, 50Hz; 220V, 60Hz; 110V, 60Hz), vacuum tube, external temperature protection device, LCD temperature controller, LCD temperature controller+RS485, LCD temperature controller+mini dot matrix printer, RS485 to USB converter		External temperature protection device*2, LCD temperature controller*2, LCD temperature controller*2+RS485, LCD temperature controller*2+mini dot matrix printer, RS485 to USB converter(BOV-90 series); External temperature protection device*3, LCD temperature controller*3, LCD temperature controller*3+RS485, LCD temperature controller*3+mini dot matrix printer, RS485 to USB converter(BOV-215 series)			
Internal Size(W*D*H)	296*300*270mm	416*370*346mm	450*450*450mm	556*600*640mm	450*450*450mm	556*600*640mm
External Size(W*D*H)	590*492*468mm	710*562*544mm	611*641*1398mm	721*794*1638mm	611*641*1398mm	721*794*1638mm
Package Size(W*D*H)	670*610*600mm	790*660*670mm	710*710*1550mm	940*810*1800mm	710*710*1550mm	940*810*1800mm
Net Weight	55kg	67kg	145kg	208kg	143kg	207kg
	65kg	79kg				
Gross Weight	2FY-2C-N: 16.5kg		171kg	245kg	168kg	244kg
	2XZ-2: 23kg					