LABSTAC

VACUUM DRYING OVEN

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VACUUM DRYING OVEN

Vacuum ovens are very versatile pieces of equipment with applications in laboratory research, engineering, and industry. The low pressure environment also minimizes oxidation during drying. A rugged, high quality pressure chamber, gasket seals, and pump are features to look for, as well as convenient, programmable controls and a computer interface.
Used in Biochemical, Pharmaceutical, Healthcare, Agricultural, Environmental protection, disinfection, Sterilization, Drying, Roasting, Laboratory, Research, engineering, Industry, .
Also known as Vacuum Oven, Vacuum Drying Oven, Laboratory Vacuum Oven.

OV11 SERIES VACUUM DRYING OVEN

OV111, OV112, OV113, OV114

FEATURES

	OV111	OV112	OV113	OV114
Stainless steel inner chamber without scroll rolled	●	●	●	●
Silicone rubber door seal	●	●	●	●
Strong sealing	●	●	●	●
Nice design	●	●	●	●

SPECIFICATIONS

Model	OV111	OV112	OV113	OV114
Temperature Range	RT+5-250°C			
Temperature Accuracy	±1°C			
Temperature Fluctuation	±2%			
Vacuum Degree	< 133 Pa			
Timer Range	0-999 min			
Internal Dimention (WxDxH)	300x300x280 mm		415x350x400 mm	
Shelves/Trays	2			
Power	900 W		1400 W	
Power Supply	220 V, 50 Hz			

OV12 SERIES VACUUM DRYING OVEN

OV121, OV122, OV123, OV124

FEATURES

	OV121	OV122	OV123	OV124
10 segment programmable microcomputer PID intelligent control system	●	●	●	●
Vacuum degree display: Pointer display	●	●	●	●
Vacuum degree control: Manual control	●	●	●	●
Imported enviornmental protection type insulation materials	●	●	●	●
SUS304 stainless steel Interior materials	●	●	●	●
ALLHEATTM: Cavity Warm-up Technology	●	●	●	●
Imported Temperature and Vacuum Sensor	●	●	●	●
Optional accessories: Portable printer/ALLSENSTM software, LCD touch screen controller, Programmable multi-stage controller	●	●	●	●

SPECIFICATIONS

Model	OV121	OV122	OV123	OV124
Capacity	23 L	50 L	23 L	50 L
Temperature Range	RT+5~250°C			
Ambient Temperature	10~30°C			
Temperature Fluctuation	±1(10°C~240°C)			
Temperature Resolution	±0.1°C			
Ambient Humidity	<70%			
Timer Range	0~99 h or 0~9999 min			
Internal Dimention (WxDxH)	285x258x315 mm	375x348x385 mm	695x545x480 mm	783x635x550 mm
Overall Dimension (WxDxH)	695x545x480 mm	783x635x550 mm	285x258x315 mm	375x348x385 mm
Shelves/Trays	2			
Weight	33 kg	68 kg	35 kg	70 kg
Power	800 W	1200 W	850 W	1250 W
Power Supply	Single phase AC220 V/50 Hz			

OV13 SERIES VACUUM DRYING OVEN

OV131, OV132, OV133

FEATURES

High quality cold rolling plate numerical control technology, sprayed with customerized Dupont powder to make the appearance more beau
Special door sealing structure: SUS304 stainless plate with the thickness of 5mm makes the inner bag level, beautiful and safe.
Advanced heat insulating technology like plate radiation heating and insulating material are applied to keep the temperature inside incubato
Imported control system, sensor, sealing ring and vacuum gauge, etc. are applied.
Four-side heating of inner bag to make temperature rise faster and evener.
The scientific installation of senor can guarantee the actual temperature at geometrical center of the incubator.
Advanced fuzzy PID control programmable multi-mode temperature control method.
LCD Display.
Over temperature protector and creepage protector are equipped to guarantee the operating safety.
Time achieving the highest temperature is about 90 min.

SPECIFICATIONS

Model	OV131	OV132	OV133
Capacity	30 L	60 L	90 L
Temperature Range	RT+5ºC~210ºC (250ºC to the utmost)		RT+5ºC~210ºC
Temperature display accuracy	1°C		
Humidity control accuracy	±1ºC (100ºC)		
Vacuum Degree	About 133Pa		
Vacuum gauge	mechanical vacuum gauge		
Temperature Sensors	PT100 three-core high precision sensor (Honeywell)		
Intake	18mm vacuum interface diameter, 18mm cleaning interface diameter or G1/4 pipe joint connection		
Internal Dimention (WxDxH)	310x310x320 mm	400x380x400 mm	450x450x450 mm
Overall Dimension (WxDxH)	500x450x745 mm	590x530x860 mm	620x610x925 mm
Shelves/Trays	2		
Weight	70 kg	110 kg	130 kg
Power	1250 W	1800 W	2200 W
Power Supply	AC-220 V±10% 50/60 Hz		