



VACCUM OVEN

LABOCON VACUUM OVEN LVO-100 SERIES

Labocon Vacuum Oven LVO-100 Series is suitable for drying of heat sensitive materials. Its vacuum environment ensures quick and effective drying of samples in powder or pellet form.

Features

- Stainless steel inner chamber with cold rolling steel electrostatic spraying exterior
- Double-layer tempered glass anti-bullet door with high permissibility
- Microcomputer PID temperature controller with function of timer function
- Over-temperature protection
- Optional:
 - Oxygen Interface
 - Nitrogen Interface

Application

Labocon Vacuum Oven is suitable for drying and sterilization in fields of biochemistry, pharmacy, medicine and health, agriculture and scientific research and environment protection.



Vacuum Oven LVO-100

Specification

Model	LVO-101	LVO-102	LVO-103
Capacity	24.3 L	52.2 L	84 L
Temp. Range	RT+10-250°C		
Ambient Temp.	5-40°C		
Temp. Accuracy	±1°C		
Temp. Fluctuation	±1°C		
Temp. Uniformity	±1°C		
Temp. Resolution	±0.1°C		
Vacuum Degree	< 133 Pa		
Timer Range	1-9999 min		
Shelves	2		
Load per Shelf	15 kg		
Inner Dimension	300x300x270 mm	415x370x340 mm	450x450x450 mm
Overall Dimension	480x480x605 mm	560x540x680 mm	640x590x780 mm
Power	800 W	1400 W	2000 W
Power Supply	220 V, 60 Hz		
Weight (Net/Gross)	42/50 kg	67/92 kg	82/105 kg
Catalog No.	9221197202	9221198202	9221199202

LABOCON VACUUM OVEN LVO-200 SERIES

Labocon Vacuum Oven LVO-200 Series is suitable for drying of heat sensitive materials. Its vacuum environment ensures quick and effective drying of samples in powder or pellet form.

Features

- High quality rolling plate exterior with powder spray
- Special SUS 304 stainless plate door sealing material ensures tightness of door and long term vacuum degree
- Humidity control accuracy: $\pm 1^{\circ}\text{C}$ (100°C)
- Time required for achieving highest temperature: ~90 min
- Temperature sensor: PT100 three-core high precision sensor
- Four-side heating of inner bag to make temperature rise faster and uniformly
- Advanced heat insulating technology ensures long term temperature stability inside the working chamber
- High quality red copper and copper pipe joint vacuum system ensures no vacuum leakage until 48 hrs after shutting of the vacuum pump and valve
- Advanced fuzzy PID control programmable multi-mode temperature control method and LCD display
- Independently adjustable temperature safety device
- Over temperature protection



Vacuum Oven LVO-200

Application

Labocon Vacuum Oven is widely applicable for drying and sterilization in fields of biochemistry, pharmacy, medicine and health, agriculture and scientific research and environment protection.

Specification

Model	LVO-201	LVO-202	LVO-203
Capacity	30 L	60 L	90 L
Temp. Range	RT+5-210°C (250°C max)		RT+10-210°C
Ambient Temp.	5-40°C		
Temp. Accuracy	±1°C		
Temp. Fluctuation	±0.5°C		
Temp. Uniformity	±1°C		
Temp. Resolution	±1°C		
Vacuum Degree	< 133 Pa		
Timer Range	1-9999 min		
Shelves	2		
Load per Shelf	15 kg		
Inner Dimension	310x310x320 mm	400x380x400 mm	450x450x450 mm
Overall Dimension	500x450x745 mm	590x530x860 mm	620x610x925 mm
Power	1250 W	1800 W	2200 W
Power Supply	220 V, 60 Hz		
Weight (Net/Gross)	45/50 kg	72/86 kg	85/102 kg
Catalog No.	9221200472	9221201472	9221202472



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