



HIGH PERFORMANCE OVEN

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HIGH PERFORMANCE OVEN LHPO-100 SERIES

Labocon High Performance Oven LHPO-100 Series are engineered to meet most critical temperature requirements. With sturdy construction and efficient insulation they prove to be highly safe and stable in operation.

Features

- High quality cold rolled steel sheet exterior and stainless steel SUS304 inner chamber
- Silicon rubber sealing ring prevents heat loss
- Heat insulating material: PU FOAM + Glass fiber cotton
- Forced air convection maintains temperature uniformity
- Non-condensation observation window with light
- Microprocessor Digital controller
- Temperature Sensor: PT100
- Noise level: ≤ 65 dB
- Over-load, over heat, over-current and short-circuit protection

Application

Labocon High Performance Oven is suitable for drying, curing, melting and heating in experiments of industries, scientific research institutions, health and medical laboratories, etc.



High Performance Oven LHPO-100



Specification

Model	LHPO-101	LHPO-102	LHPO-103	LHPO-104
Capacity	70 L	136.1 L	225 L	429 L
Temp. Range	RT+10-300°C			
Ambient Temp.	5-40°C			
Temp. Accuracy	±1°C			
Temp. Fluctuation	±0.5°C			
Temp. Uniformity	±2.0°C			
Temp. Resolution	±0.1°C			
Timer Range	1-9999 min			
Shelves	2			
Load per Shelf	15 kg			
Inner Dimension	400×350×500 mm	450×550×550 mm	500×600×750 mm	600×550×1300 mm
Overall Dimension	600×550×755 mm	600×710×850 mm	650×755×1045 mm	745×750×1670 mm
Power	1240 W	1740 W	2500 W	4500 W
Power Supply	220 V, 60 Hz			
Weight (Net/Gross)	54/58 kg	66/73 kg	94/118 kg	150/162 kg
Catalog No.	9221176485	9221177485	9221178485	9221179485

Model	LHPO-105	LHPO-106	LHPO-107
Capacity	624 L	640 L	960 L
Temp. Range	RT+10-300°C		
Ambient Temp.	5-40°C		
Temp. Accuracy	±1°C		
Temp. Fluctuation	±0.5°C		
Temp. Uniformity	±2.0°C		
Temp. Resolution	±0.1°C		
Timer Range	1-9999 min		
Shelves	2		
Load per Shelf	15 kg		
Inner Dimension	800×600×1300 mm	800×800×1000 mm	1000×600×1600 mm
Overall Dimension	945×800×1690 mm	980×1030×1310 mm	1140×800×2150 mm
Power	4800 W	5000 W	6500 W
Power Supply	220 V, 60 Hz		
Weight (Net/Gross)	166/193 kg	173/198 kg	190/228 kg
Catalog No.	9221180485	9221181485	9221182485

HIGH PERFORMANCE OVEN LHPO-200 SERIES

Labocon High Performance Oven LHPO-200 Series are engineered to meet most critical temperature requirements. With sturdy construction and efficient insulation they prove to be highly safe and stable in operation.

Features

- High quality cold rolled steel sheet exterior and stainless steel SUS304 inner chamber
- Silicon rubber sealing ring prevents heat loss
- Heat insulating material: PU FOAM + Glass fiber cotton
- Forced air convection maintains temperature uniformity
- Non-condensation observation window with light
- Microprocessor Digital controller
- Temperature Sensor: PT100
- Noise level: ≤ 65 dB
- Over-load, over heat, over-current and short-circuit protection

Application

Labocon High Performance Oven is suitable for drying, curing, melting and heating in experiments of industries, scientific research institutions, health and medical laboratories, etc.





Specification

Model	LHPO-201	LHPO-202	LHPO-203	LHPO-204
Capacity	49 L	91.1 L	112.5 L	216 L
Temp. Range	100-400°C			
Ambient Temp.	5-40°C			
Temp. Accuracy	±1°C			
Temp. Fluctuation	±0.5°C			
Temp. Uniformity	±2.0°C			
Temp. Resolution	±0.1°C			
Timer Range	1-9999 min			
Shelves	2			
Load per Shelf	15 kg			
Inner Dimension	350x350x400 mm	450x450x450 mm	450x500x500 mm	600x600x600 mm
Overall Dimension	540x660x615 mm	620x745x645 mm	600x710x845 mm	650x750x750 mm
Power	2000 W	3000 W	3300 W	3500 W
Power Supply	220 V, 60 Hz			
Weight (Net/Gross)	50/54 kg	54/63 kg	66/74 kg	142/166 kg
Catalog No.	9221183485	9221184485	9221185485	9221186485

HIGH PERFORMANCE OVEN LHPO-300 SERIES

Labocon High Performance Oven LHPO-300 Series are engineered to meet most critical temperature requirements. With sturdy construction and efficient insulation they prove to be highly safe and stable in operation.

Features

- High quality cold rolled steel sheet exterior and stainless steel SUS304 inner chamber
- Non-condensation observation window with light
- Silicon rubber sealing ring prevents heat loss
- Heat insulating material: PU FOAM + Glass fiber cotton
- Forced air convection maintains temperature uniformity
- Non-condensation observation window with light
- Microprocessor Digital controller
- Temperature Sensor: PT100
- Noise level: ≤ 65 dB
- Over-load, over heat, over-current and short-circuit protection

Application

Labocon High Performance Oven is suitable for drying, curing, melting and heating in experiments of industries, scientific research institutions, health and medical laboratories, etc.





Specification

Model	LHPO-301	LHPO-302	LHPO-303	LHPO-304
Capacity	49 L	91.1 L	112.5 L	216 L
Temp. Range	100-500°C			
Ambient Temp.	5-40°C			
Temp. Accuracy	±1°C			
Temp. Fluctuation	±0.5°C			
Temp. Uniformity	±2.0°C			
Temp. Resolution	±0.1°C			
Timer Range	1-9999 min			
Shelves	2			
Load per Shelf	15 kg			
Inner Dimension	350x350x400 mm	450x450x450 mm	450x500x500 mm	600x600x600 mm
Overall Dimension	540x660x615 mm	620x745x645 mm	600x710x845 mm	650x750x750 mm
Power	3000 W	4000 W	4300 W	4500 W
Power Supply	220 V, 60 Hz			
Weight (Net/Gross)	50/54 kg	54/63 kg	66/74 kg	142/166 kg
Catalog No.	9221187485	9221188485	9221189485	9221190485

HIGH PERFORMANCE OVEN ADVANCED LHPOA-100 SERIES

Labocon High Performance Oven Advanced LHPOA-400 Series are engineered to meet most critical temperature requirements. With sturdy construction and efficient insulation they prove to be highly safe and stable in operation.

Features

- Stainless steel with polishing finished inner chamber and steel plate SS 41 with powder heating coated exterior
- Silicon rubber sealing and powerful lock device minimizes heat leakage
- Heater Control: SSR Contactless Control
- PID Microprocessor temperature and timer controller
- Membrain touch type control panel
- Digital counter timer and over temperature protection
- Automatic reset function incoming power cut
- Buzzer on when set time arrived
- Fan motor over load protection
- Optional
 - Programmable design for 30 segments
 - Programmable design for 20 segments
 - Recorder



High Performance Oven LHPOA-100

Application

Labocon High Performance Oven is suitable for drying, curing, melting and heating in experiments of industries, scientific research institutions, health and medical laboratories, etc.



Specification

Model	LHPOA-101	LHPOA-102	LHPOA-103	LHPOA-104
Capacity	91	150	91	150
Temp. Range	Max 350°C		Max 500°C	
Ambient Temp.	5-40°C			
Temp. Accuracy	±0.1°C			
Temp. Fluctuation	0.1°C			
Temp. Uniformity	±4.5°C at 250°C		±7.0°C at 400°C	
Temp. Resolution	0.1°C			
Timer Range	0-99 h 59 min			
Shelves	2			
Load per Shelf	30 kg			
Inner Dimension	450x450x450 mm	500x500x600 mm	450x450x450 mm	500x500x600 mm
Overall Dimension	630x660x990 mm	680x710x1140 mm	1180x700x897 mm	1280x750x1047 mm
Power	2600 W	3000 W	4200 W	5600 W
Power Supply	220 V, 60 Hz			
Weight (Net/Gross)	83/133 kg	97/152 kg	203/303 kg	236/341 kg
Catalog No.	9221191470	9221192470	9221193470	9221194470



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