

LABdex

Floor Standing High Temperature Drying Oven LX300FHDOA Series



www.labdex.com
info@labdex.com

Floor Standing High Temperature Drying Oven LX300FHDOA Series

Floor Standing High Temperature Drying Ovens LX300FHDOA series are having a floor standing design, bottom heating and vertical force convection with dynamic self-diagnostic technology. This technology helps to prevent any failures or damage to the equipment as well as makes detection easy.

Detailed purpose: glassware desiccation, laboratorial sample, food, chemical material's heat denaturalization, heat induration, heat intenerating, moisture eliminated, biomedical engineering instrument sterilization, electronic component's Torre faction and aging.

Features

- ❖ Stainless steel working chamber and powder coated steel housing with dual-layer toughened glass window
- ❖ Provided with LED display, soft touch, PID microprocessor with high-speed, high-performance CPU chip temperature controller
- ❖ High-sensitivity and high precision PT100 as temperature sensor
- ❖ The internal material is 304 stainless steel and the external material is powder steel coating
- ❖ Preset programmed control with timing range up to 99 hours for power-on, power-off and working
- ❖ Multiple alarms for sensor failure, high/low temperature deviation, over temperature
- ❖ Can store the parameters given in the memory
- ❖ Temperature display calibration

Applications

Used in industry, mining, laboratories and scientific research for desiccation, Torre faction, wax-melting and sterilization.

Specifications

Model No.	LX300FHDOA	LX301FHDOA	LX302FHDOA
Chamber volume	32L	72L	136L
Temperature Control Range	Room Temperature +10°C~300°C	Room Temperature +10°C~300°C	Room Temperature +10°C~300°C
Temperature Accuracy	±1°C at 100°C	±1°C at 100°C	±1°C at 100°C
Temperature Fluctuation	±1°C	±1°C	±1°C
Temperature Uniformity	±1°C at 100°C	±1°C at 100°C	±2°C at 100°C
Timer Range	1min-99hr	1min-99hr	1min-99hr
Internal Dimensions	300*300*350 mm	400*400*450 mm	450*650*550 mm
External Dimensions	445*450*710 mm	550*550*800 mm	640*700*900 mm
Net Weight	36kg	50kg	71.5kg
Power Consumption	1050W	1350W	1890W
Shelf Size	293*275	393*375	443*530
Shelf Quantity (std. /max.)	2/4 pcs	2/4 pcs	2/4 pcs
Power Supply	220V/50Hz	220V/50Hz	220V/50Hz

Model No.	LX303FHDOA	LX304FHDOA	LX305FHDOA
Chamber volume	225L	430L	624L
Temperature Control Range	Room Temperature +10°C~300°C	Room Temperature +10°C~300°C	Room Temperature +10°C~300°C
Temperature Accuracy	±1°C at 100°C	±1°C at 100°C	±1°C at 100°C

Temperature Fluctuation	±1°C	±1°C	±1°C
Temperature Uniformity	±2°C at 100°C	±2.5°C at 100°C	±2.5°C at 100°C
Timer Range	1 min-99hr	1 min-99hr	1 min-99hr
Internal Dimensions	500*600*750 mm	600*550*1300 mm	800*600*1300 mm
External Dimensions	690*730*1100 mm	770*710*1750 mm	970*760*1750 mm
Net Weight	90kg	183kg	250kg
Power Consumption	2500W	4500W	5700W
Shelf Size	493*580	590*514	790*564
Shelf Quantity (std. /max.)	2/5 pcs	3/6 pcs	3/6 pcs
Power Supply	220V/50Hz	220V/50Hz	220V/50Hz

Optionals_____

- ❖ Independent temperature control and alarming system to provide dual protections and stop working in case of over-temperature
- ❖ Inert gas interface and inert gas flow meter

Floor Standing High Temperature Drying Oven LX300FHDOB Series

Floor Standing High Temperature Drying Ovens LX300FHDOB series are having a floor standing design, bottom heating and vertical force convection with dynamic self-diagnostic technology. This technology helps to prevent any failures or damage to the equipment as well as makes detection easy.

Detailed purpose: glassware desiccation, laboratorial sample, food, chemical material's heat denaturalization, heat induration, heat intenerating, moisture eliminated, biomedical engineering instrument sterilization, electronic component's Torre faction and aging.

Features

- ❖ 10-segment temperature control program to realize temperature's stepped program operation
- ❖ Adjustable Inflow and Outflow volume
- ❖ Stainless steel working chamber and powder coated steel housing with dual-layer toughened glass window
- ❖ Provided with LED display, soft touch, PID microprocessor with high-speed, high-performance CPU chip temperature controller
- ❖ High-sensitivity and high precision PT100 as temperature sensor
- ❖ The internal material is 304 stainless steel and the external material is powder steel coating
- ❖ Preset programmed control with timing range up to 99 hours for power-on, power-off and working
- ❖ Multiple alarms for sensor failure, high/low temperature deviation, over temperature
- ❖ Can store the parameters given in the memory
- ❖ Temperature display calibration

Applications

Used in industry, mining, laboratories and scientific research for desiccation, Torrefaction, wax-melting and sterilization.

Specifications

Model No.	LX300FHDOB	LX301FHDOB	LX302FHDOB
Chamber volume	32L	72L	136L
Temperature Control Range	Room Temperature +10°C~300°C	Room Temperature +10°C~300°C	Room Temperature +10°C~300°C
Temperature Accuracy	±1°C at 100°C	±1°C at 100°C	±1°C at 100°C
Temperature Fluctuation	±1°C	±1°C	±1°C
Temperature Uniformity	±1°C at 100°C	±1°C at 100°C	±2°C at 100°C
Timer Range	1min-99hr	1min-99hr	1min-99hr
Internal Dimensions	300*300*350 mm	400*400*450 mm	450*650*550 mm
External Dimensions	445*450*710 mm	550*550*800 mm	640*700*900 mm
Net Weight	36kg	50kg	71.5kg
Power Consumption	1050W	1350W	1890W
Shelf Size	293*275	393*375	443*530
Shelf Quantity (std. /max.)	2/4 pcs	2/4 pcs	2/4 pcs
Power Supply	220V/50Hz	220V/50Hz	220V/50Hz

Model No.	LX303FHDOB	LX304FHDOB	LX305FHDOB
Chamber volume	225L	430L	624L
Temperature Control Range	Room Temperature +10°C~300°C	Room Temperature +10°C~300°C	Room Temperature +10°C~300°C
Temperature Accuracy	±1°C at 100°C	±1°C at 100°C	±1°C at 100°C
Temperature Fluctuation	±1°C	±1°C	±1°C
Temperature Uniformity	±2°C at 100°C	±2.5°C at 100°C	±2.5°C at 100°C
Timer Range	1min-99hr	1min-99hr	1min-99hr
Internal Dimensions	500*600*750 mm	600*550*1300 mm	800*600*1300 mm
External Dimensions	690*730*1100 mm	770*710*1750 mm	970*760*1750 mm
Net Weight	90kg	183kg	250kg
Power Consumption	2500W	4500W	5700W
Shelf Size	493*580	590*514	790*564
Shelf Quantity (std. /max.)	2/5 pcs	3/6 pcs	3/6 pcs
Power Supply	220V/50Hz	220V/50Hz	220V/50Hz

Optionals_____

- ❖ Independent temperature control and alarming system to provide dual protections and stop working in case of over-temperature
- ❖ Inert gas interface and inert gas flow meter