

LABDEX

Benchttop Drying Oven LX250BDOA Series



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Benchtop Drying Oven LX250BDOA Series

Benchtop Drying Oven LX250BDOA series are having a benchtop design, back heating, horizontal 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.	LX250BDOA	LX260BDOA
Chamber volume	25L	50L
Temperature Control Range	Room Temperature +10 °C~200 °C	Room Temperature +10 °C~200 °C
Temperature Accuracy	±1 °C at 100 °C	±1 °C at 100 °C
Temperature Fluctuation	±1 °C	±1 °C
Temperature Uniformity	±1 °C at 100 °C	±1 °C at 100 °C
Timer Range	1min-99hr	1min-99hr
Internal Dimensions	300*300*275 mm	420*350*350 mm
External Dimensions	580*470*445 mm	710*520*520 mm
Net Weight	30kg	43kg
Power Consumption	480W	740W
Shelf Size	246*280	366*340
Shelf Quantity (std. /max.)	2/4 pcs	2/7 pcs
Power Supply	220V/50Hz	220V/50Hz

Model No.	LX270BDOA	LX280BDOA
Chamber volume	105L	200L
Temperature Control Range	Room Temperature +10 °C~250 °C	Room Temperature +10 °C~250 °C
Temperature Accuracy	±1 °C at 100 °C	±1 °C at 100 °C
Temperature Fluctuation	±1 °C	±1 °C
Temperature Uniformity	±2°C at 100°C	±2 °C at 100 °C
Timer Range	1min-99hr	1min-99hr
Internal Dimensions	550*350*550 mm	600*550*600 mm
External Dimensions	830*530*720 mm	880*740*790 mm

Net Weight	59kg	77kg
Power Consumption	1240W	1640W
Shelf Size	496*340	546*540
Shelf Quantity (std. /max.)	2/12 pcs	2/9 pcs
Power Supply	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

Benchtop Drying Oven LX250BDOB Series

Benchtop Drying Oven LX250BDOB series are having a benchtop design, back heating, horizontal 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 Torr 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, Torre faction, wax-melting and sterilization.

Specifications

Model No.	LX250BDOB	LX260BDOB
Chamber volume	25L	50L
Temperature Control Range	Room Temperature +10°C~200°C	Room Temperature +10°C~200°C
Temperature Accuracy	± °C at 100°C	±1°C at 100°C
Temperature Fluctuation	±1°C	±1°C
Temperature Uniformity	±1°C at 100°C	±1°C at 100°C
Timer Range	1min-99hr	1min-99hr
Internal Dimensions	300*300*275 mm	420*350*350 mm
External Dimensions	580*470*445 mm	710*520*520 mm
Net Weight	30kg	43kg
Power Consumption	480W	740W
Shelf Size	246*280	366*340
Shelf Quantity (std. /max.)	2/4 pcs	2/7 pcs
Power Supply	220V/50Hz	220V/50Hz

Model No.	LX270BDOB	LX280BDOB
Chamber volume	105L	200L
Temperature Control Range	Room Temperature +10°C~250°C	Room Temperature +10°C~250°C
Temperature Accuracy	±1°C at 100°C	±1°C at 100°C
Temperature Fluctuation	±1°C	±1°C
Temperature Uniformity	±2°C at 100°C	±2°C at 100°C
Timer Range	1min-99hr	1min-99hr
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Optional_____

- ❖ Independent temperature control and alarming system to provide dual protections and stop working in case of over-temperature
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