

LABDEX

Aging Test Oven LX500ATO Series



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Aging Test Oven LX500ATO series are having a floor standing design, heating on the back, horizontal force convection with rotary plate and illumination. The dynamic self-diagnostic 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

- ❖ Reliable fan to assure chamber temperature uniformity
- ❖ Dual-layer toughened glass observation window
- ❖ With rotary plate (10rpm) and illumination
- ❖ Temperature controller with high-speed, high-performance CPU chip
- ❖ High-sensitivity and high precision PT100 resistance sensor
- ❖ 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.	LX500ATO	LX501ATO
Chamber Volume	100L	100L
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
Material Internal	304 Stainless Steel	Steel (powder coating)
Material External	Steel (powder coating)	Steel (powder coating)
Internal Dimensions	450*450*500 mm	450*450*500 mm
External Dimensions	595*625*810 mm	595*625*810 mm
Net Weight	71.5kg	71.5kg
Power Consumption	1740W	1740W
Rotation Speed	10 rpm	10 rpm
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