

AGEING EXPERIMENTAL OVEN

LSX Series

Summary

Provide industrial and mining enterprises, laboratories and scientific research institutes for desiccation, torrefaction, wax-melting and sterilization. Detailed purpose: glassware desiccation, laboratorial sample, food, heat denaturalization of chemical material, heat hardening, heat softening, moisture eliminated, sterilization of biomedical engineering vessel, torrefaction and aging of electronic component.



Feature

- Floor standing type, heating on the back, horizontal force convection. Adopts reliable fan, assure the temperature within the working chamber even.
- Working chamber is mirror stainless steel. The shell is made of high quality steel plate, surface processing with static spraying plastic. Dual-layer toughened glass observation window. With turntable and light. The shelf is made of stainless steel. It is easy and convenient to use. With a beautiful and novel appearance.
- Temperature controller adopts high speed, high performance CPU handling chip. High sensitive, high precision platinum resistance sensor. Have fixed programming control function of "Resume by Alarm", "Close by Alarm", "Working by Alarm". Timing time is 0-99Hours.
- Temperature controller is with sensor malfunction alarm, low/high temperature deviation alarm. Over-temperature alarm. Parameters memory. Temperature display emendation. Self-diagnosing dynamic control technology.
- Independent alarm system for temperature-limiting ensures experiments run safety and no accident would happen. (Option)
- Equipped with the interface of inert gas and flow meter of inert gas. (Option)

Specification

Model		LSX-401A
Chamber Volume		100L
Environmental condition		Temperature 5 ~ 30°C Maximum relative humidity 80% Altitude up to 2000m
Method		Horizontal forced convection
Power		AC220V, 50Hz
Range		Ambient + 10°C ~ 200°C
Temperature	Accuracy	± 1°C at 100°C
	Fluctuation	± 1°C
	Uniformity	± 1°C at 100°C
	Controller	PID microprocessor controls, touch type, numeral manifestation
	Sensor	Platinum gold resistor PT100
Timer		Wait on time, wait off time (Max.99hr, Min.1min)
Material	Internal	304 stainless steels
	External	Iron 08F
Dimension (mm)	Internal	450 × 450 × 500
	External	595 × 625 × 810
Net weight		71.5KG
Consumption power		1740W
Turn speed		10 r.p.m