

101/202 Series

Drying Oven

Product Overview

The LC-101/202 Series Drying Ovens feature precise temperature control systems, widely used in industries such as electromechanical, chemical, plastics, and light manufacturing, as well as in research institutions for baking, drying, curing, heat treatment, and other thermal processes for various products and samples.



Product Features

- > PID Temp Control: Stable/accurate control, built-in LCD for real-time monitoring, premium interface.
- > Smart Software Integration: Programmable timer (max 9,999 mins), overtemp alarm, temp deviation correction & auto-tuning.
- > Heating Safety (LC-101 only): Left tubes (upgraded insulation) anti-leakage/short; bottom no heat, safe.
- > High-Performance Fan: Corrosion-resistant, independent control, ≤ 50 dB (5cm front, full power).
- > Large Observation Window: Double-layered glass provides a clear view of internal processes without compromising thermal insulation.
- > Robust Exterior Construction: Cold-rolled steel shell with electrostatic powder coating resists corrosion and aging.

Technical Parameters						
Model	LC-202-00 LC-202-00B	LC-101-00 LC-101-00B	LC-101-0 LC-101-0B	LC-101-1 LC-101-1B	LC-101-2 LC-101-2B	LC-101-3 LC-101-3B
Power Supply	AC220V 50Hz	AC220V 50Hz	AC220V 50Hz	AC220V 50Hz	AC220V 50Hz	AC220V 50Hz
Power	600W	600W	1000W	1500W	2000W	3000W
Display Mode	LCD display	LCD display	LCD display	LCD display	LCD display	LCD display
Temp. Range	RT+5~300°C	RT+5~300°C	RT+5~300°C	RT+5~300°C	RT+5~300°C	RT+5~300°C
Temp. Accuracy	±1°C	±1°C	±1°C	±1°C	±1°C	±1°C
Temperature Uniformity	±2%	±2%	±2%	±2%	±2%	±2%
Forced-Air Convection	/	✓	✓	✓	✓	✓
Timing Range	9999min	9999min	9999min	9999min	9999min	9999min
Working Dimensions	250×250×250mm	250×250×250mm	350×350×350mm	350×450×450mm	450×550×550mm	500×600×700mm
Effective Volume	15.6L	15.6L	42L	70L	136L	210L
Standard Number of Shelves	2	2	2	2	2	2
Bearing of Shelf	15Kg	15Kg	15Kg	15Kg	15Kg	15Kg
Max. Number of Shelves	4	4	6	8	10	12
Net Weight	15Kg	16Kg	26Kg	34Kg	48Kg	58Kg
Product Dimensions	390×530×445mm	410×580×415mm	510×680×515mm	510×780×615mm	610×880×715mm	660×930×865mm
Note: Model with B is stainless steel inner liner, with S is galvanized inner liner.						

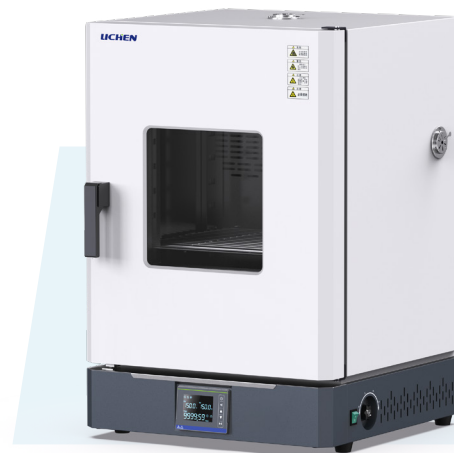
DHG Series

Drying Oven



Product Overview

The DHG Series Drying Oven is a laboratory and industrial drying device that combines electric heating with forced air circulation. It is mainly used for drying, baking, sterilization and other processes.



LC-DHG-9045B
LC-DHG-9045C



Product Features

- > PID temperature control technology- programmable control, uniform and stable heating.
- > Built in LCD screen-intuitive and clear interface, simple key operation.
- > Finned electric heating tube-fast heat transfer, high heating efficiency, long service life.
- > Silicone rubber sealing strip-operates reliably at high temperatures up to 275° C, long life and easy replacement.
- > Chamber made of high quality stainless steel with rounded corners – removable shelves for easy cleaning.
- > Independent fan switch with three adjustable speeds- high temperature resistant, corrosion resistant, durable, with noise ≤ 50 dB during operation.



Technical Parameters

Model	LC-DHG-9025B LC-DHG-9025C	LC-DHG-9045B LC-DHG-9045C	LC-DHG-9085B LC-DHG-9085C	LC-DHG-9155B LC-DHG-9155C	LC-DHG-9245B LC-DHG-9245C
Power Supply	AC220V/50Hz	AC220V/50Hz	AC220V/50Hz	AC220V/50Hz	AC220V/50Hz
Power	800W	1000W	1500W	2100W	2600W
Volume	20L	42L	81L	151L	245L
Chamber Dimensions (D×W×H)	257×248×328mm	307×348×398mm	357×418×548mm	407×498×748mm	457×598×898mm
Chamber Material	B: 201 stainless steel, C: 304 stainless steel				
Display Mode	LCD screen				
Temp. Range	RT+10~ 300°C				
Temp. Fluctuation	±0.5°C (@100°C)				
Temp. Uniformity	±2°C (@100°C)				
Program Control	3 groups, 8 steps each				
Air Circulation Function	3 speeds, adjustable				
Timing Range	0-999999h/9999h59min				
Max Continuous Operation	Below 250° C:long-term operation; above 250° C:≤ 4 hours.				
Standard Number of Shelves	2	2	2	2	3
Bearing of Shelf	15Kg	15Kg	15Kg	15Kg	15Kg
Net Weight	31Kg	44Kg	56Kg	81Kg	102Kg
Product Dimensions	565×408×618mm	614×507×688mm	664×578×848mm	719×668×1107mm	768×768×1257mm

DBH Series

Double-Door Drying Oven

Product Overview

The LC-DBH Series Double-Door Drying Ovens combine innovative design, advanced temperature control, and robust construction for industrial drying, baking, wax melting, and heat treatment applications. Ideal for laboratories, pharmaceutical facilities, and manufacturing plants requiring high-capacity thermal processing with precision and reliability.

Product Features

- > Optimized Heating System: Dual-Fan Dual-Duct Air Circulation System ensures uniform temperature distribution.
- > Robust Exterior Construction: High-quality steel shell with electrostatic powder coating resists corrosion and aging.
- > Precision Temperature Control: PID temperature control technology with LED digital display shows real-time and target temperatures.
- > Smart Software Integration: Includes programmable timers (up to 9,999 minutes), over-temperature alarms, temperature deviation correction, and auto-tuning functions.
- > Dual Safety Protections: Standard leakage protector (excludes -2/-3 models) and independent temperature limiter ensure equipment and user safety.
- > Long-Lasting Sealing: High-temperature silicone gaskets and adjustable latch locks enhance airtightness to minimize heat loss.



LC-DBH-2/3

Technical Parameters					
Model	LC-DBH-2S LC-DBH-2BS LC-DBH-2BE	LC-DBH-3S LC-DBH-3BS LC-DBH-3BE	LC-DBH-4S LC-DBH-4BS LC-DBH-4BE	LC-DBH-5S LC-DBH-5BS LC-DBH-5BE	LC-DBH-6BS LC-DBH-6BE
Power Supply	220V/50Hz	220V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz
Power	4000W	5000W	6000W	9000W	12000W
Effective Volume	350L	490L	640L	1200L	3072L
Display Mode	LED	LED	LED	LED	LED
Temp. Range	50~300℃	50~300℃	50~300℃	50~300℃	50~300℃
Controller Resolution	±0.1℃	±0.1℃	±0.1℃	±0.1℃	±0.1℃
Timing Range	0~9999min	0~9999min	0~9999min	0~9999min	0~9999min
Working Dimensions	600×600×1000mm	700×700×1000mm	800×800×1000mm	1000×1000×1200mm	1600×1200×1600mm
Standard Number of Shelves	2	2	2	2	2
Bearing of Shelf	40Kg	40Kg	40Kg	40Kg	40Kg
Max. Number of Shelves	6pcs	6pcs	10pcs	12pcs	4pcs
Net Weight	132Kg	155Kg	205Kg	270Kg	580Kg
Product Dimensions	735×880×1420mm	835×980×1420mm	1000×960×1460mm	1235×1200×1610mm	2050×1400×2270mm

DS-EX Series

Explosion Proof Drying Oven



Product Overview

The DS-EX Series Explosion proof ovens are designed for drying, curing, and baking materials in hazardous environments, using specialized structures and materials to prevent explosions or fires.



Product Features

- > The electrical control system uses a composite explosion proof technology combining flameproof and intrinsically safe types – passive switches, and sensors are isolated with safety barriers.
- > Explosion protection level reaches IIBT4.
- > Microcomputer PID control system – precise temperature control with low fluctuation.
- > Fast heating rate with built in forced air circulation.
- > Features include power on self diagnosis, temperature correction, over temperature alarm, timer setting, and parameter memory.
- > Flame retardant fiberglass insulation material with a thickened insulation layer; door seal uses a custom made silicone rubber composite for excellent sealing.
- > Outer casing made of cold rolled steel with advanced electrostatic spraying process; inner chamber made of high quality 304 stainless



DS-420EX



Technical Parameters

Model	DS-30EX	DS-50EX	DS-70EX	DS-140EX	DS-240EX	DS-420EX	DS-640EX	DS-1050EX
Power	0.85kW	0.85kW	1kW	1.5kW	2kW	3kW	4.5kW	6kW
Effective Volume	30L	51L	70L	121L	214L	429L	640L	1040L
Power Supply	AC220V/50Hz	AC220V/50Hz	AC220V/50Hz	AC220V/50Hz	220V/50Hz	220V/50Hz	380V/50Hz	380V/50Hz
Explosion Protection Level	Ex d IIBT4 Gb							
Electrical / Instrument Explosion Type	Composite (flameproof & intrinsically safe)							
Sensor Explosion Type	Safety barrier isolated							
Display Mode	LCD screen (displays set temp, real-time temp, constant temp time)							
Temp. Range	RT+10~ 250°C							
Temp.Fluctuation	≤ 1°C							
Temp.Uniformity	≤ ±2%°C							
Timing Range	1~ 9999min							
Inner Chamber Material	304 stainless steel							
Standard Number of Shelves	2	2	2	2	2	3	3	3
Product Dimensions	570×730×510mm	650×810×530mm	650×860×640mm	700×940×730mm	840×990×830mm	890×790×1780mm	1120×990×1520mm	1120×1190×1820mm
Net Weight	40Kg	50Kg	55Kg	76Kg	91Kg	181Kg	251Kg	299Kg