

Description

Labant drying oven is a high-performance equipment engineered with advanced technology. It features precise temperature control, stable operation, and user-friendly design, making it ideal for drying, baking, wax melting, and heat treatment applications in laboratories of industrial and mining enterprises, scientific research institutions, and medical and health units. Its sleek appearance, easy maintenance, and multiple safety protections further enhance its practicality and reliability for diverse lab needs. The series of drying ovens are designed with advanced technology, featuring excellent design, novel appearance, advanced craftsmanship, precise temperature control, stable performance, easy maintenance, and convenient operation. They are suitable for drying, baking, wax melting, and heat treatment in laboratories of industrial and mining enterprises, scientific research institutes, medical and health units, etc.



Features

- The outer and inner casings of the oven are made of high-quality steel plates. The outer casing adopts an arc-shaped design, which is easy to clean, and has an attractive and novel appearance. It is equipped with a microcomputer LCD temperature controller with temperature control protection and digital display, ensuring precise and reliable temperature control (programmable temperature control instrument is optional).
- The hot air circulation system consists of a fan that can operate continuously at high temperatures and a suitable air duct. A high-performance circulation fan is adopted to ensure uniform temperature inside the working chamber.
- The working chamber is made of 304 stainless steel, with arc-shaped inner corners for easy cleaning. The height of the shelf is adjustable (LDO-960 adopts right-angle side blowing).
- The microcomputer intelligent LCD temperature controller has timing, over-temperature alarm, and dual-screen display functions, ensuring precise temperature control and convenient reading.
- The middle of the oven door is equipped with a double-layer glass observation window, and the sealing strip has good sealing performance to prevent heat loss.
- Double protection is provided with an independent temperature limit alarm system. When the temperature exceeds the limit, it will automatically shut down, ensuring safe operation of the experiment without accidents and better protecting the safety of the laboratory.
- The fan is equipped with an independent switch, which can be turned on or off as needed, facilitating the taking and placing of samples.

Technical Specifications

Model	LDO-30	LDO-70	LDO-140	LDO-240	LDO-420	LDO-624	LDO-960
Power Supply Voltage	AC~220V 50Hz		AC~220V 50Hz (16A Plug)		AC~220V 50Hz (No Plug, Connect Leakage Protector Switch by Yourself)		AC~380V 50Hz
Power Consumption	800W	1600W	2400W	3200W	4000W	5000W	8000W
Temperature Control Range	RT+10~300℃						
Instrument Resolution	0.1℃						
Temperature Fluctuation	±0.5℃						
Working Chamber Size(mm)	350*350*350	450*350*450	550*450*550	600*500*750	600*550*1300	800*800*1000	1000*600*1600
Overall Dimension (Approx.)(mm)	470*640*610	570*600*760	670*700*860	720*750*1060	720*800*1610	920*1050*1380	1170*740*1990
Standard Loading Brackets (Pieces)	1	2	2	2	3	3	3