

Description

Welso drying oven is a versatile and reliable equipment designed for drying, baking, and other thermal processing tasks. It is widely used in industrial and mining enterprises, laboratories, research institutions, and other fields. With advanced temperature control technology, excellent heat uniformity, and user-friendly design, this series ensures stable performance and convenient operation, meeting the diverse thermal processing needs of different users.



Application

Welso drying oven is suitable for drying, baking, and other applications in industrial and mining enterprises, laboratories, research institutions, etc.

Features

- The outer shell adopts a streamlined arc design, made of cold-rolled steel plates, and the surface is electrostatically sprayed for a smooth and durable finish.
- The temperature control system of the oven adopts microcomputer single-chip technology, with functions such as temperature control, timing, and over-temperature alarm, ensuring accurate and reliable temperature management.
- The reasonable air duct and circulation system minimize the temperature uniformity variation in the working chamber, ensuring consistent heating effect.
- It uses dual-screen high-brightness digital tubes for display, which provides accurate and intuitive temperature and time readings, with excellent performance. Temperature setting and adjustment are realized through button operation, simple and convenient.
- The inner tank is made of high-quality stainless steel or galvanized material, which is easy to clean and has good corrosion resistance.
- The shelves in the working chamber can be adjusted freely in height and the number of shelves can be customized according to the user's requirements, improving the flexibility of use.
- It is equipped with a high-performance motor and fan blades, along with an air convection breeze device, which enables the air in the inner tank to be updated and circulated continuously, ensuring uniform temperature distribution.
- The oven door is equipped with a large-view observation glass window, allowing users to observe the internal processing status conveniently. The door seal is made of nano-material and the insulation material is of high quality, which further enhances the overall performance of the oven.

Technical Parameters

Technical Specifications

Model	LDO-16	LDO-42	LDO-70	LDO-136	LDO-225	LDO-640
Power (kw)	0.5	0.8	2	3	4.5	6/380V
Internal Dimension (DepthWidthHeight, mm)	250*250*250	350*350*350	450*350*450	550*450*550	600*500*750	800*800*1000
Capacity (Approx.)	15.6	42	70	136	225	640
External Dimension (DepthWidthHeight, mm)	550*320*400	650*420*500	750*520*620	850*630*720	900*670*920	1140*970*1200
Inner Tank Material	Galvanized Sheet/Stainless Steel					
Temperature Control Range	Room Temperature +10℃~300℃					
Temperature Resolution	1℃					
Temperature Fluctuation	±1℃					
PID Function	Without High/Low Temperature Control		Accurate Temperature Control, Preset Setting, Over-Temperature Alarm			
Relay	Sparkless Solid-State Relay (Explosion-Proof and Corrosion-Resistant)					
Shelf Layers	4 Layers (5cm Spacing Between Layers)	4 Layers (7cm Spacing Between Layers)	4 Layers (9cm Spacing Between Layers)	4 Layers (11CM Spacing Between Layers)	4 Layers (15CM Spacing Between Layers)	10 Layers (6CM Spacing Between Layers)
Standard Shelves	1	2				