BioLAB

PRODUCT CATALOG

NATURAL CONVECTION OVEN BONC-311

CE ISO9001 CERTIFIED

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NATURAL CONVECTION OVEN BONC-311

VACUUM OVEN

The inner chamber is of arc-shaped design, the outer is made of cold-rolled steel plate, and the surface is electrostatic sprayed,
Stainless steel interior or cold-rolled steel interior.
2.5MM thickened pressure-resistant inner liner, and the five faces of the inner liner are designed with structural corner steel reinforcement
The four corners of the glass door of the oven has an adjustable elastic screw, which is used to adjust the tightness with the joint of the inner tank door, with the overall formed silicone door seal ring, to ensure the high vacuum in the oven;
The control panel adopts microcomputer intelligent PID control, with timing and over temperature alarm functions, the PID can effectively reduce the impact temperature.

SPECIFICATIONS

Model	BONC-311
Voltage (V)	110/220
Temp. range (°C)	50~200
Timer	0~999 min/H
Accuracy (°C)	±0.5
Vacuum (Pa)	Absolute pressure 0~999.9 mbar or 0~99.99 kPa; standard atmospheric pressure <133 Pa (~0.1 mbar)
Power (kW)	1.2
Interior (HxWxD) mm	400x415x350
Exterior (HxWxD) mm	570x750x515
Package Size (HxWxD) mm	690x830x600
N.W (kg)	65
The modes with "S" is stainless steel innerThe heating time was increased to 100°C within 30 minutes.The maximum load of each shelf is 20 KG and the maximum total load of the inner liner is 65 KG.	
Alt Name	Vacuum Oven

ACCESSORIES FOR PURCHASE

No	Name
1	vacuum pump
2	Programmable segmented LCD temperature controller
3	USB interface record the memory
4	RS485 computer interface
5	Aluminum shelf
6	Observation window with lighting
7	Inert gas interface
8	Printer

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FEATURES

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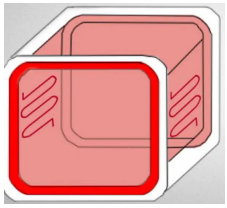
The oven door is made of thickened reinforced glass and double-layer explosion-proof safety glass sheet to ensure the safety protection for users.
Laminates made of aluminum are more conducive for heat transfer.
The vacuum environment greatly reduces the boiling point of the liquid to be removed, so vacuum drying can be easily applied to heat sensitive substances. For samples that are not easy to dry, such as powder or other granular samples, vacuum drying can effectively shorten the drying time.



Two sides heating technology

Stainless steel inner (Type with "S")

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