

Automatic Precision Vacuum Drying Oven

(Pluggable shelf heating)

It is designed for drying heat-sensitive, easily decomposed and easily oxidized substances. It is widely used in medicine, food, light industry, chemical industry, agricultural scientific research, environmental protection and other experimental fields.

Characteristics:

- SUS304 embossed stainless steel housing, SUS304 mirrored stainless steel studio, 5083 corrosion resistant aluminum plate.
- Independent pluggable shelf heating.
- Fixed value or program operation mode, true color 7.0-inch touch screen multi-section PID temperature controller, high temperature control accuracy, real-time temperature curve record, convenient for users to see the heating process. The program mode can realize temperature control and vacuum degree multi-stage programming operation to improve the experimental efficiency.
- Automatic vacuum degree control system, set the vacuum degree, automatically reach the set vacuum degree. Standard with inflatable port, manual and electric double set of exhaust device.
- Users can configure the vacuum pump, standard with the vacuum pump oil return device, convenient for customers to use, avoid the vacuum pump oil return.
- BLT type standard with vacuum pump, air pipeline equipped with air filter device, improve the service life of vacuum pump.



Patent No. : ZL 2018 3 0094764.0

Main Technical Parameters:

Model	DZ-2BL	DZ-3BL	DZ-4BL
Heating Mode	Sheft direct heating		
Temp.Range	RT+10-250℃		
Useful Vacuum Degree Range	<133Pa		
Temp. Resolution Ratio	0.1℃		
Temp.motion	±1℃		
Heating-Up Time	≤40 minutes		
Inner Chamber	SUS304 mirror stainless steel		
Outer Shell	SUS304embossed stainless steel, 5083 Corrosion resistant aluminum plate		
Insulation Layer	Aluminium silicate fibre		
Heater	Mica electrothermal film		
Observation Window	Bulletproof tempered glass		
Vacuum Sensor	Standard pressure sensor, absolute pressure accuracy class 0.25, vacuum touch screen display		
Exhaust device	Manual and electric double exhaust device		
Air intake port	Standard inflation port		
BLT Vacuum Pump System (BL:without Vacuum Pump)	Double stage rotary vane vacuum pump 2L/S	Double stage rotary vane vacuum pump 4L/S	Double stage rotary vane vacuum pump 6L/S
Nozzle Diameter	10mm		
Power Rating	BL: 1.2kW	BLT: 1.6kW	BL: 1.6kW
Temperature Control Mode	7.0-inch LCD color touch screen multi-stage PID program temperature control		
Temperature Setting Mode	Touch Screen Type		
Temperature Display Mode	7.0-inch LCD color touch screen		
Timer	0-9999 minutes/0-9999 hours can adjust		
Operation Function	Fixed value operation, regular, automatic stop		
Fixed Value Mode	Control temperature and vacuum at the same time		
Program Mode	Control temperature and control vacuum at the same time, 30 programmable operation		
Additional Function	Vacuum pump oil return preventer		
Temperature Sensor	Real-time temperature curve recording with U disk data storage and export function		
Safety Device	Sensor deviation correction, temperature overshoot self-setting, internal parameter locking, power off parameter memory		
Inner (W*L*H) mm	415*370*340	450*450*450	550*600*650
Exterior (W*L*H) mm	635*565*796	670*645*906	770*795*650
Packing (W*L*H) mm	804*705*957	840*785*1062	940*935*1262
Volume	52L	91L	214.5L
Number Of Shelf	2		
Load Per Rack	15kg		
Shelf Space	140mm	185mm	265mm
Current Rating (50/60Hz)	AC220V/6.3A	AC220V/9.1A	AC220V/13.1A
NW/GW kg	BL: 67/92	BLT: 87/112	BL: 82/105
Shelf	2		
Shelf Frame	4		
Optional Accessories	Shelf(Independent temperature control),RS485 transfer to USB communication interface,Printer,WIFI control module		

Big Forced Air Drying Oven

Large capacity industrial high precision drying oven to meet the requirements of military industry.

Characteristics:

- PID or program temperature control controller, with over-temperature alarm system.
- Double doors ensure that use is convenient.
- Forced air system, with Low-noise fan, centrifugal cycle method, high temperature uniformity.



Patent No. : ZL 2018 3 0094606.5

Main Technical Parameters:

Model	DGF-4A	DGF-5A	DGF-6A	DGF-7A	DGF-8A
	DGF-4AB	DGF-5AB	DGF-6AB	DGF-7AB	DGF-8AB
Cycle Mode	Fan - forced circulation				
Temp. Range	RT+10-250℃		RT+10-300℃		
Temp. Resolution Ratio	0.1℃				
Temp. Motion	±1℃				
Temp. Uniformity	±3%				
Inner Chamber	A: Iron inner chamber		AB: Stainless steel inner chamber		
Outer Shell	Galvanized sheet electrostatic spraying exterior				
Insulation Layer	High quality rock wool board(with CE)				
Heater	Stainless steel heating tube				
Power Rating	6kW	6.6kW	9kW	12kW	15kW
Exhaust Hole	On top or side				
Temp. Control Mode	PID intelligent control or Multi - segment programmable control (optional)				
Temp. Setting Mode	Touch button setting				
Temp. Display Mode	LCD Digital Display				
Timer	0-9999min (with timing wait function)				
Operation Function	Fixed temperature operation, timing function, auto stop.				
Additional Function	Temperature deviation correction, menu locked, power-off memory				
Sensor	PT100				
Safety Device	One key to start overheat power off				
Inner Chamber Size (W*L*H)(mm)	800*800*1000	1000*1000*1000	1000*1000*1300	1200*1200*1300	1600*1200*1600
Exterior Size (W*L*H)(mm)	940*1000*1400	1040*1200*1400	1230*1200*1670	1330*1400*1670	1750*1400*2070
Packing Size (W*L*H)(mm)	1060*1090*1520	1260*1290*1520	1350*1300*1890	1550*1500*1890	1950*1500*1910
Volume	640L	1000L	1300L	1870L	3070L
Max. Shelf Number	11	11	11	11	12
Load Per Rack	30kg				
Shelf Space	70mm		100mm		
Power Supply (50/60HZ)	380V				
NW/GW (kg)	200	260	350	480	800
Shelf	2				
Shelf Frame	No				
Optional Accessories	Spare shelf, Program controller, RS485 interface, Printer Products of different specifications can be customized according to customer requirements.				