Automatic Vacuum Drying Oven

◎ For the design of drying heat sensitive and easy decomposition, easy oxidation material, inert gas into.

Characteristics:

● Large LCD screen display shows vacuum degree and temperature and multiple sets of data , Intelligent PID temperature and gas control system, control temperature accurately, automatic vacuum degree control system.

● Intelligent temperature and vacuum programmable design to meet different experiment requirements.

● Standard inflatable port, gas pipeline equipped with air filter to extend the life of the vacuum pump, manual and electric double sets of deflation device, adopt integral forming and high temperature resistant silicone sealing strip, with good tightness.

● Independent temperature limiter: imported mechanical mechanical temperature limiter, set the workroom to limit the temperature.

Main Technical Parameters:

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Model		DZ-1BL	DZ-2BL	DZ-3BL
Heating mode		Four walls heat conduction and decompression		
Function	Temp. Range	RT+10-250℃		
	Vacuum degree Range	<133Pa		
	Temp. Resolution Ratio	0.1℃		
	Temp. motion	±1℃		
	Heating-up time	80mim	100min	120min
Structure	Inner Chamber	High quality hairline stainless steel sheet		
	Outer Shell	Cold rolling steel electrostatic spraying exterior		
	Insulation layer	High quality rock wool board(with CE)		
	Heater	Stainless steel electric heating tube		
	Observation window	Bullet proof glass, acrylic exterior protection		
	Vacuum meter	LCD Display		
	Nozzle diameter	10mm		
	Power rating	0.8kW	1.4kW	2.0kW
Controller	Temp. control mode	Intelligent PID multi-stage temperature control, program control vacuum		
	Temp. setting mode	Touch button setting		
	Temp. display mode	LCD Display		
	Timer	0-9999 min (with timing wait function)		
	Operation function	Fixed temperature operation, timing function, auto stop		
	Additional function	Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory		
	Sensor	Pt100		
Safety device		Over temperature sound-light alarm, mechanical temperature limiter, sensor fault alarm, over vacuum degree alarm		
Specification	Inner Chamber size(W*L*H)(mm)	300*300*270	415*370*340	450*450*450
	Exterior size (W*L*H)(mm)	480*480*1106	560*540*1180	640*590*1280
	Packing size (W*L*H)(mm)	590*550*1250	704*620*1314	739*700*1389
	Volume	24L	52L	91L
	Number of shelf	2		
	Load per rack	15kg		
	Shelf space	100mm	140mm	185mm
	Current rating (50/60HZ)	AC220V/3.6A	AC220V/6.3A	AC220V/9.1A
	NW/GW (kg)	42/52	67/92	82/105
Accessory	Shelf	2		
	Shelf frame	4		
Optional Accessories		RS485 interface, printer, recorder, remote control, wireless SMS alarm, USB data storage		