

Automatic Precision Vacuum Drying Oven

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

Characteristics:

- Independent shelf heating, fax valued or programmable operating mode, real – time temperature curve records.
- Standard vacuum pumps and inflatable port, air duct is equipped with air filter.manual and electric double air release, adopt integral forming and high temperature resistant silicone sealing strip, with good tightness.
- Independent temperature limiter: imported mechanical temperature limiter, set the workroom to limit the temperature.



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Main Technical Parameters:

Model		DZ-1BLT	DZ-2BLT	DZ-3BLT
Heating mode		Shelf direct heating		
Function	Temp. Range	RT+10~250℃		
	Useful vacuum degree Range	<133Pa		
	Tem. Resolution Ratio	0.1℃		
	Temp. motion	± 1℃		
	Heating-up time	≤40 min		
Structure	Inner Chamber	High quality mirror stainless steel sheet		
	Outer Shell	Cold rolling steel electrostatic spraying exterior		
	Insulation layer	High quality rock wool board(with CE)		
	Heater	Mica electrothermal film		
	Observation window	Bullet proof glass, acrylic exterior protection		
	Vacuum meter	Pointer type +true color touch screen display		
	Vacuum pump system	pump rating 2L/S with dry filter	pump rating 2L/S with dry filter	pump rating 4L/S with dry filter
	Nozzle diameter	10mm		
	Power rating	0.8kW	1.2kW	1.6kW
Controller	Temp. control mode	true color 5.0 inch touch screen multi-stage PID program temperature control, single shelf independent temperature control, program control vacuum degree		
	Temp. setting mode	Touch screen monitor		
	Timer	Fixed temperature operate 10000 hours, program run 99 hours / step		
	Operation function	Fixed temperature operation, timing function, auto stop		
	Program mode	30 sections, 40 steps		
	Additional function	Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory		
Safety device		Over temperature alarm, mechanical independent 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)	520*475*1160	635*540*1235	670*645*1340
	Packing size (W*L*H)(mm)	689*635*1316	804*705*1391	840*785*1496
	Volume	24L	52L	91L
	Number of shelf	2		
	Load per rack	15kg		
	Shelf space	100mm	140mm	185mm
	Power supply (50/60HZ) Current rating	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, program temperature control device, remote control, wireless SMS alarm, USB data storage		