Vacuum Oven

Microprocessor controller (with timing function)

Summary:

Vacuum oven is designed especially for drying of material which is thermo-sensitive or decompounds and oxidative easily. It can be filled with inert gases, which is especially for a rapid drying of some compound material.

Features:

- Microprocessor controller
- Dual layer tempered glass door for clear observation
- Minimum heating time 50% less than traditional vacuum oven

Specifications

Model	DZF-6210 DZF-6213	DZF-6123	DZF-6090 DZF-6092	DZF-6050 DZF-6053	DZF-6051	DZF-6021	DZF-6020 DZF-6022	DZF-6030A DZF-6032A (Special for chemistry)	DZF-6030B DZF-6050B (Special for biology)
Electrical Requirement	220V 50HZ			220V 50HZ		220V 50HZ		220V 50HZ	
Power Consumption	2100W	1600W	1350W 1150W	1450W	1450W	450W	450W 750W	550W 850W	300W 650W
Temperature Range	RT+10~200℃								RT+10~65℃
Display Resolution	0.1℃								
Temperature Stability	±1℃								
Vacuum Degree	133Pa								
Ambient Temperature	+5~40℃								
Interior Dimension (W×D×H, mm)	560×600×640 600×600×600	500×500×500	450×450×450	415×370×345		300×300×275		320×320×300	320×320×300 415×370×345
Exterior Dimension(W×D×H, mm)	720×820×1750 890×760×741	790×660×641	610×680×1460 740×610×591	730×560×550		605×490×450		630×510×490	610×510×490 710×560×550
Shelves	3(pcs) (Independent temperature control)	3(pcs) (Independent temperature control)	2(pcs) (Independent temperature control)	2 (pcs) 3(pcs)	1(pcs)	1(pcs)	1(pcs) 2(pcs)	1(pcs) 2(pcs)	1(pcs) 2(pcs)
Chamber Material	Stainless steel(1Cr18Ni9Ti)			Cold-rolled sheet(08F)		Stainless steel(1Cr18Ni9Ti)			

Remark: -Equipped with vacuum pump (model 6210,6090)   -Equipped with air inlet valve control (Model 6030A,6030B,6050B)

Specifications (LCD Controller With Vacuum Pump)

Model	BPZ-6123	BPZ-6063	BPZ-6033
Electrical Requirement	220V 50HZ		
Power Consumption	2400W	1770W	1020W
Temperature Range	RT+10~200℃		
Display Resolution	0.1℃		
Temperature Stability	±1.0℃		
Vacuum Table	Mechanical pointer		
Vacuum Degree	133Pa		
Ambient Temperature	+5~40℃		
Interior Dimension(W×D×H, mm)	500×500×500	400×400×400	320×320×320
Exterior Dimension(W×D×H, mm)	610×680×1460	600×570×1390	550×490×1240
Shelves	3(pcs)		
Chamber Material	Stainless steel(1Cr18Ni9Ti)		

Vacuum Oven(LCD)

Microprocessor controller (with timing function)

Vacuum degree Control:

Vacuum oven adopts the digital technique of simulated engineering to control vacuum degree.

The vacuum degree controlled by full-automatic electromagnetism valve which make the degree control more exact.
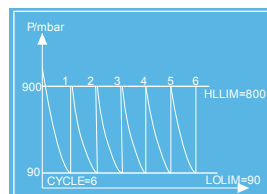
Vacuum control rang: 20Pa ~9999Pa

Vacuum display rang: 1Pa ~9999Pa

Vacuum accuracy: 1Pa

Features:

- Programmable vacuum cycle
- LCD vacuum degree window
- Suitable for drying thermo-sensitive material
- Shorter drying time for sample that does not dry easily
- Dual layer tempered glass door for clear observation
- Fully automatic electromagnetism controlled vacuum
- Minimum heating time 50% less than traditional vacuum oven

Specifications

Model	BPZ-6933LC (BPZ-6930LC)	BPZ-6503LC (BPZ-6500LC)	BPZ-6213LC (BPZ-6210LC)	BPZ-6123LC	BPZ-6093LC (BPZ-6090LC)	BPZ-6063LC	BPZ-6033LC
Electrical Requirement	AC380V 50HZ		AC220 50HZ				
Temperature Range	RT+10~200℃						
Display Resolution	0.1℃						
Temperature Stability	±1℃						
Vacuum Table	Digital Display						
Vacuum Degree	133Pa						
Power Consumption	5600W	3800W	2100W	2050W	1350W	1800W	1200W
Interior Dimension(W×D×H, mm)	750×1160×1050	630×810×845	560×600×640	500×500×500	450×450×450	400×400×400	320×320×320
Exterior Dimension(W×D×H, mm)	1140×1480×2000	790×1030×1855	720×820×1750	660×640×1400	610×590×1350	600×570×1390	550×490×1240
Shelves	5pcs (Independent temperature control)	4pcs (Independent temperature control)		3pcs	2pcs (Independent temperature control)	3pcs	2pcs
Chamber Material	Stainless steel (1Cr18Ni9Ti)						

Plant Growth Chamber

Microprocessor controller (with timing function)

Summary:
Widely applied in cultivation of biological histolytic, seed gemmating, breeding test, plant cultivation and feeding of insects and beasties. The incubators can simulate different climatic conditions accurately.

Features:
- Microprocessor controller for temperature and humidity ensures of precise and reliable control.
- Simulate changing temperature and light in day/night
- Independent temperature-limiting alarm system ensures experiments run safely.
- Polished stainless-steel chamber, semicircular arcs at corners for easy cleaning, and the space between the shelves in the chamber is adjustable.
- Even air circulation
- Imported compressor
- RS485 connector is option which can connect computer to record the parameters and the variations of temperature.(option)

Specifications

Model / Parameter	Without humidity control						With humidity control		
	MGC-100 MGC-100P	MGC-250 MGC-250P	MGC-300A	MGC-300B MGC-350BP	MGC-400B MGC-450BP	MGC-800B MGC-800BP	MGC-300H MGC-350HP	MGC-400H MGC-450HP	MGC-800H MGC-850HP
Display Resolution	100L	250L	300L	300L	450L	800L	300L	450L	800L
Temperature Uniformity	220V 50HZ					380V 50HZ	220V 50HZ		380V 50HZ
Shaking Speed Range	1500W	1750W	1200W	1450W	2000W	3650W	1500W	2050W	4100W 3700W
Temperature Range	Without Lighting:4~50℃ With lighting:10~50℃						Without Lighting:4~50℃ With lighting:10~50℃		
Display Resolution	0.1℃						0.1℃		
Temperature Stability	±1℃						±1℃		
Temperature Uniformity	±1.5℃		±2℃				±2℃		
Ambient Temperature	+5~30℃						+5~30℃		
Humidity Range	-						50~90%RH		
Humidity Accuracy	-						±5~7%RH		
Continuous Working Time	No less than 180h						No less than 180h		
Lighting Intensity	0~12000LX Four-grade adjustable		0~15000LX Four-grade adjustable	0~20000LX Four-grade adjustable	0~25000LX Four-grade adjustable	0~30000LX Four-grade adjustable	0~20000LX Four-grade adjustable	0~25000LX Four-grade adjustable	0~30000LX Four-grade adjustable
Interior Dimension (W×D×H)mm	550×400×550	600×610×830	520×550×1140		700×550×1140	965×580×1430	520×550×1140	700×550×1140	965×580×1430
Exterio Dimension (W×D×H)mm	650×800×1310	760×815×1550	830×850×1850		950×850×1850	1475×890×1780	830×850×1850	950×850×1850	1475×890×1780
Shelves	3(PCS)								

"P":programming

Options:
- CO_2 inlet
- CO_2 controller (imported IR CO_2 sensor)
- RS485 connector

Plant Growth Chamber

Microprocessor controller (with timing function)

Features:
- Microprocessor controller for temperature and humidity and light intensity, 30 programs
- Large LCD screen
- Simulate changing temperature and light in day/night
- Polished stainless-steel chamber, semicircular arcs at corners for easy cleaning, and the space between the shelves in the chamber is adjustable.
- R134a refrigerant, two imported compressors, continuous running time
- Independent temperature-limiting alarm system ensures experiments run safely.(option)
- RS485 connector is option which can connect computer to record the parameters and the variations of temperature.(option)

Specifications

Parameter \ Model	MGC-250BP-2	MGC-350BP-2 MGC-450BP-2	MGC-350HP-2 MGC-450HP-2	MGC-800BP-2 MGC-1000BP-2	MGC-800HP-2 MGC-1000HP-2
Chamber Volume	250L	300L/450L		800L/1000L	
Temperature Range	With Lighting:10~50℃ Without lighting:0~50℃				
Display Resolution	0.1℃				
Temperature Stability	±1℃				
Temperature Uniformity	±1.5℃			±2℃	
Humidity Range	BP-2: no humiditycontroller HP-2: 50~90%RH				
Humidity Accuracy	BP-2: no humiditycontroller HP-2: ±5~7%RH				
Lighting Intensity	0~12000LX	0~20000LX/0~25000LX		0~30000LX/0~35000LX	
Lighting Type	Shelves illumination	Three surface illumination		Shelves illumination(two Shelves)	
Programmer Function	Temperature, humidity, light intensity, can be set separately, and 30 programmers Time range is 1-59 hours for each programmer				
Power Consumption	1700W	1700W/2000W	1700W/2050W	3700W/3800W	
Electrical Requirement	220V 50HZ			380V 50HZ	
Ambient Temperature	RT+5~30℃				
Interior Dimension(W×D×H) mm	580×510×835	520×550×1140/700×550×1140		965×580×1430/900×580×1600	
ExteriorDimension(W×D×H)mm	725×740×1550	830×850×1850/950×850×1850		1475×890×1780/1410×890×1950	
Shelves	3(PCS)				

Options:
- CO_2 inlet
- CO_2 controller (imported IR CO_2 sensor)
- RS485 connector

Circulating Bath, Water Bath

Microprocessor controller (with timing function)

Summary:

Provided for precise and constant temperature and auxiliary heating in colleges industrial and mining enterprises and scientific research departments.

Features:

- Microprocessor control with timing function
- Digital display
- Audible and visible alarm for over temperature

DK

DKB-CU

DK-8D

Specifications

Model	Water Bath	Water Bath (all stainless steel)	Circulating Bath (with electromagnetic-pump)	Water Bath (three holes)
	CU-420 CU-600(DK-600A)	DK-8AXX DK-8AX DK-8AD	DK-8AB DKB-600B	DK-8D
Electrical Requirement	220V 50HZ			
Power Consumption	500W 1000W	400W 600W 1000W	1000W	750W
Temperature Range	RT+5~99℃		RT+5~70℃	RT+5~99℃
Temperature Stability	±0.5℃		±0.3℃	
Display Resolution	0.1℃			
Chamber volume	11L 34L	12L 22L 30L	22L 30L	2.1L×3
Interior Dimension(W×D×H, mm)	420×180×150 600×300×190	300×240×160 450×300×160 600×300×160	500×300×150 600×300×170	150×125×110
Exterior Dimension(W×D×H, mm)	570×220×260 750×350×300	460×280×190 610×340×190 760×340×190	660×340×200 770×370×280	490×245×310
Timing Range	1~999min			

Options:

- Intelligent programmable temperature controller