



Oven/VacuumOven

Natural Convection Oven

Forced Air Oven

Vacuum Oven

Oven /Forced Air Oven



Advanced Color Intelligent Touch Screen Control

- 4.3 Inch Touch screen, intelligent touch control, real-time display of parameters, simple and convenient operation.
- Quick setting of temperature, time and other parameters can be carried out.
- It has the function of program setting. It can be programmed in 7 segments, 63 steps, 9 steps and 1-99 hours and 59 minutes per segment.



Professional LCD Controller (GentianaL Series)

- Intelligent program control with high brightness LCD screen, button operation and real-time display of parameters.
- Quick setting of temperature, time and other parameters can be carried out.
- It has the function of program setting. It can be programmed in 7 segments, 63 steps, 9 steps and 1-99 hours and 59 minutes per segment.



Energy saving design

- Comprehensive safety performance design to prevent high energy consumption. New synthetic silicon sealing strip is used to prevent heat loss and prolong the life of heating elements. Compared with traditional equipment, thermal power is reduced by 25%.



Throttle Regulating Technology (GentianaBO-F Series)

- The size of the valve opening can be adjusted arbitrarily according to the actual situation.
- Air valve adjustment can improve the ventilation efficiency of drying box and prevent excessive heat loss and also improve the uniformity of temperature.



Temperature test hole

- External detection sensor can real-time detect the temperature inside the box through the test hole to ensure the accuracy of the temperature inside the box.

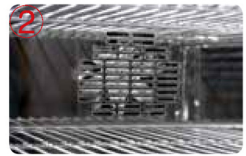
Automatic drying function

- Temperature sensors can be selected to monitor the temperature of samples in real time so as to make the temperature more real and reliable.
- Control system linkage to achieve the purpose of automatic drying. (option)



Circulating Fan (GentianaBI-F Series)

- Forced convection fan, large impeller fan design, good temperature Uniformity. The fan power is multi-stage adjustable to provide the right airflow for you.
- The fan power can be adjusted to improve the operation efficiency of the equipment and the service life of the motor. The service life of the motor can be increased by 30%.



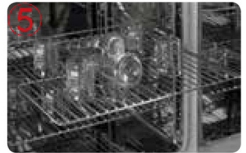
Stainless steel inner liner

- 304 stainless steel, mirror polishing, strong anti-corruption ability.
- Large arc angle design, no dead angle, easy cleaning and maintenance.



Professional anti-skid and anti-overturning shelf design

- Shelf has anti-inclination function to avoid falling off when shelf is pulled out.
- Shelf has anti-lock function, the shelf will be locked when it is pulled out half, so as to avoid the loss caused by the direct slide of the shelf.



Oven /Forced Air Oven

Humanized design

- With reservation and timing functions, there is no need to wait, which effectively improves the efficiency of the experiment.
- Available in Chinese and English menus to meet different language needs, with °C / °F conversion.
- The height of the shelf is adjustable to meet different cultivation needs.
- Professional stacking foot design, the machine can be stacked, saving lab space and improving the use efficiency (same specification).

Safety

- **Protection on instruments:** Comply international standard secondary temp limiting alarm system, When the heating is out of control or exceeds the maximum limit temperature, the heating is automatically cut off with sound and light alarm, ensure operating is safe without any accident.
- **Protection on key components:** Key components are equipped with over-current, over-temperature, overload and other safety protection to prevent accident.
- **Protection on samples:** When the temperature inside the box is higher or lower than the set temperature, the alarm will start to cut off the heater, with sound and light alarm to remind the operator to protect the sample from normal test without accident.
- **Protection on operator:** The cabinet and door are specially insulated to make the surface temperature of the cabinet low, ensuring the operator's safety and no accidents.
- **Breakdown message provided:** When the instrument breakdown, the message will shown on the screen to help operator clearly check.

Convenient data processing

- The touch screen type standard with a USB interface, which can record the change status of the temperature parameters.
- The LCD screen is option for USB interface.
- It can be equipped with RS232 data interface, which can realize remote control of the machine through software (option);
- RS-232 and USB can be selected one of them.



USB data collect



Oven /Forced Air Oven

Technical parameters

Model	GentianaBO-30F GentianaBO-30FL	GentianaBO-50F GentianaBO-50FL	GentianaBO-120F GentianaBO-120FL	GentianaBO-200F GentianaBO-200FL	GentianaBO-400F GentianaBO-400FL
Capacity (L)	35L	59L	115L	234L	400L
Temp range	RT+10°C ~200°C (MAX 300°C)				
Display Resolution	0.1°C				
Uniformity at 100°C	±2.0°C				
Heated to 100°C	25mins				
Standard Max number of shelves	2 (5)	2 (9)	2 (12)	2 (16)	3 (16)
Max load per shelf	20Kg				
NW	43Kg	51Kg	83Kg	112Kg	210Kg
Timing Range	1~5999mins				
Interior Dimension W×D×H(mm)	320×300×320	400×305×415	520×430×530	650×500×650	1000×510×800
Exterior Dimension W×D×H(mm)	610×550×540	690×560×640	810×685×755	940×750×875	1285×750×1060
Electrical Requirement	AC 220V-240V, 60Hz				
Power Consumption	900W	1100W	2050W	2500W	3100W

GentianaBO-F series touch screen controller

GentianaBO-FL series LCD controller

Oven /Natural Convection

Technical parameters

Model	GentianaBO-30N GentianaBO-30NL	GentianaBO-50N GentianaBO-50NL	GentianaBO-115N GentianaBO-115NL	GentianaBO-200N GentianaBO-200NL
Capacity (L)	34L	54L	124L	222L
Temp range	RT+10°C ~200°C (MAX 300°C)			
Display Resolution	0.1°C			
Uniformity at 100°C	±2.5°C			
Heated to 100°C	25mins			
Standard Max number of shelves	2 (5)	2 (6)	2 (10)	2 (16)
Max load per shelf	20Kg			
NW	43Kg	45Kg	74Kg	103Kg
Timing Range	1~5999mins			
Interior Dimension W×D×H(mm)	320×300×320	400×330×380	520×450×495	650×500×650
Exterior Dimension W×D×H(mm)	610×520×580	690×468×640	810×590×755	940×658×910
Electrical Requirement	AC 220V-240V, 60Hz			
Power Consumption	850W	1050W	1950W	2250W

GentianaBO-N series touch screen controller

GentianaBO-NL series LCD controller

※ The outer dimensions do not include hinges, handles, gauges, wires, etc., and the internal dimensions do not include the duct section.

※ All test data are tested in a 25°C environment.

※ If the maximum temperature is to reach 300°C , please note in advance before ordering.

Vacuum Oven



Advanced Color Intelligent Touch Screen Control

- 4.3 Inch Touch screen, intelligent touch control, real-time display of parameters, simple and convenient operation.
- Quick setting of temperature, time and other parameters can be carried out.
- It has the function of program setting. It can be programmed in 7 segments, 63 steps, 9 steps and 1-99 hours and 59 minutes per segment.



Professional LCD Controller (GentianaL Series)

- Intelligent program control with high brightness LCD screen, button operation and real-time display of parameters.
- Quick setting of temperature, time and other parameters can be carried out.
- It has the function of program setting. It can be programmed in 7 segments, 63 steps, 9 steps and 1-99 hours and 59 minutes per segment.



Intelligent solenoid valve

- Vacuum exhaust pipe adopts solenoid valve automatic control, which is more convenient, labor-saving and safer than mechanical control valve.
- Joint control of solenoid valve and vacuum pump, solenoid valve opening vacuum pump can automatically open, solenoid valve closing vacuum pump can automatically close, avoiding the possibility of errors in operation.
- The inert gas intake pipeline is controlled by solenoid valve, which is easy to operate and safe.



Bundled heating technology

- The shelf is tightly combined with the inner gallbladder with large angle, large contact area, high thermal conductivity and good temperature uniformity, which is 40% higher than that of the traditional way and 50% higher than that of the box.
- The height of shelf is adjustable, it can be used for drying different sizes of articles and materials, and it is easy to operate.



Stainless steel inner liner

- The liner is made of 304 stainless steel, sandblasted and has good heat resistance. Strong corrosion resistance, ensuring durability and easy cleaning.
- The shelf is made of aluminum, sandblasted, and has a large contact area. High thermal conductivity, 40% higher heat transfer efficiency than conventional methods.
- The number of shelves is optional, and the number of shelves can be increased as needed to improve the efficiency of vacuum box use.

Large View Window

- Large viewing angle window is adopted to make the objects in the working room clear at a glance.
- Tempered and bullet-proof double-layer glass is used in the visible window, which has strong pressure resistance and is safe and reliable.
- The visible window has LED light source to observe the drying condition of the object in the box more clearly.(option)

Special Power Supply for Vacuum Pump

- With special power supply jack for vacuum pump and linkage control with solenoid valve, the vacuum pump can start automatically when the solenoid valve is opened. When the solenoid valve is closed, the vacuum pump can be automatically closed. The operation is simple and convenient, and there will be no misoperation. It is safe and reliable.

Inert Gas Intake Valve

- With inert gas inlet to meet the needs of special materials Demand for inert gas drying.



Vacuum Oven

Humanized design

- With reservation and timing functions, there is no need to wait, which effectively improves the efficiency of the experiment.
- Available in Chinese and English menus to meet different language needs, with °C / °F conversion.
- The machine above 90L has moving casters for flexible and convenient movement.
- The door is closed and elastically adjustable, and the integrated molded silicone rubber door seal ring ensures the vacuum inside the box.

Safty

- **Protection on instruments:** Comply international standard secondary temp limiting alarm system, When the heating is out of control or exceeds the maximum limit temperature, the heating is automatically cut off with sound and light alarm, ensure operating is safe without any accident.
- **Protection on key components:** Key components are equipped with over-current, over-temperature, overload and other safety protection to prevent accident.
- **Protection on samples:** When the temperature inside the box is higher or lower than the set temperature, the alarm will start to cut off the heater, with sound and light alarm to remind the operator to protect the sample from normal test without accident.
- **Protection on operato:** The cabinet and door are specially insulated to make the surface temperature of the cabinet low, ensuring the operator's safety and no accidents.
- **Breakdown message provided:** When the instrument breakdown, the message will shown on the screen to help operator clearly check.

Convenient data processing

- The touch screen type standard with a USB interface, which can record the change status of the temperature parameters.
- The LCD screen is option for USB interface.
- It can be equipped with RS232 data interface, which can realize remote control of the machine through software (option).
- RS-232 and USB can be selected one of them.

Technical parameters

Model	GentianaBV-20 GentianaBV-20L	GentianaBV-50 GentianaBV-50L	GentianaBV-90 GentianaBV-90L	GentianaBV-120 GentianaBV-120L	GentianaBV-210 GentianaBV-210L
Capacity (L)	24L	51L	91L	125L	216L
Temp range	RT+10°C ~200°C				
Temperature accuracy	±1°C				
Display Resolution	0.1°C				
Max degree of vacuum	99Pa				
Standard Max number of shelves	2 (3)	2 (5)	2 (6)	2 (10)	2 (13)
Max load per shelf	20Kg				
Interior material	304 stainless steel				
Interior Dimension W×D×H(mm)	300×300×275	415×370×345	450×450×450	500×500×500	600×600×600
Exterior Dimension W×D×H(mm)	445×505×590	580×594×670	610×721×774	660×824×774	760×874×924
NW	60Kg	95Kg	145Kg	175Kg	245Kg
Inert gas air inlet	standard				
Electrical Requirement	AC 220V-240V, 60Hz				
Power Consumption	700W	1400W	2000W	2400W	2800W

GentianaBV- series touch screen controller

GentianaBV-L series LCD controller

※ The outer dimensions do not include hinges, handles, gauges, wires, etc., and the internal dimensions do not include the duct section.

※ All test data are tested in a 25°C environment.

Option-Vacuum Pump

Low noise, high efficiency

- Two-stage vacuum pump control technology with lower noise, higher vacuum, higher pumping efficiency, for BV series , The vacuum drying time is around 2-4 mins.

Clean and reliable

- Double anti-return oil structure to more reliably protect the vacuum system from oil pollution after shutdown.
- It adopts imported German oil seal and seals with fluororubber material to improve corrosion resistance and prevent oil leakage.
- Adopting the aviation technology bushing treatment process, the life of the exhaust valve piece reaches 10 billion times.
- It adopts high-quality materials such as vacuum pump oil imported from Japan, which makes the operation more reliable and has a longer service life.



Technical parameters

Vacuum oven model	Capacity(L)	Degree of vacuum	vacuum pump model	type	flow of Vacuum pump	Time
GentianaBV-20	24	133Pa	VRD-8	two-stage pump	2L/S	1min
GentianaBV-50	51	133Pa	VRD-8		2L/S	1min
GentianaBV-90	91	133Pa	VRD-16		4L/S	2min
GentianaBV-120	125	133Pa	VRD-16		4L/S	3min
GentianaBV-210	216	133Pa	VRD-24		6L/S	4min

Forced Air Oven

LED Microprocessor Controller (with timing function)

Provided for desiccation, torrefaction, wax-melting and sterilization in mining industry, laboratories and scientific research institutes.

Features

- 304 stainless steel, mirror polishing processing, easy to clean and maintain.
- PID controller with over temperature alarm and timing function ensures precise and reliable control.
- Air circulation system with specific air flow channel ensures a good temperature uniformity performance.
- Silicon door gasket with long lifetime, and easy to change.
- A damper adjustment in the front ensures the gas convection enough in working chamber.



Option

- Independent over-temperature alarm system ensures experiments running safely.
- RS 485 connector can connect computer to save the data via software.

Specifications

Model	Gentiana DHG-9013A	Gentiana DHG-9030A	Gentiana DHG-9053A	Gentiana DHG-9070A	Gentiana DHG-9140A	Gentiana DHG-9240A	Gentiana DHG-9420A	Gentiana DHG-9620A	Gentiana DHG-9920A
Electrical Requirement	AC 220V-240V, 60Hz						380V 60Hz		
Temperature Range	RT+10°C ~250°C								
Display Resolution	0.1°C								
Temperature Stability	±1°C								
Temperature uniformity	±3% (at 100°C)								
Ambient Temperature	+5~40°C								
Power Consumption	500W	850W	1100W	1550W	2050W	2450W	3100W	4000W	5200W
Chamber Volume	16L	30L	50L	80L	136L	220L	420L	620L	1000L
Interior Dimension (WxDxH)mm	250x260x250	340x320x320	420x395x350	450x400x450	550x450x550	600x500x750	640x585x1355	840x600x1355	820x730x1600
Exterior Dimension (WxDxH)mm	530x370x420	620x440x490	720x530x520	740x530x630	840x580x730	880x630x930	780x730x1780	980x800x1880	1050x890x2070
Shelves	2(pcs)		2(pcs)	2(pcs)			3(pcs)	4(pcs)	
Timing Range	0~9999min								

Model	Gentiana DHG-9015A	Gentiana DHG-9055A	Gentiana DHG-9075A	Gentiana DHG-9145A	Gentiana DHG-9245A	Gentiana DHG-9425A	Gentiana DHG-9625A
Electrical Requirements	AC 220V-240V, 60Hz					380V 60Hz	
Temperature Range	RT+10~300°C						
Display Resolution	0.1°C						
Temperature Stability	±1°C						
Temperature uniformity	±3% (at 100°C)						
Ambient Temperature	+5~40°C						
Power Consumption	850W	1100W	1550W	2050W	2450W	3100W	4000W
Chamber Volume	16L/30L	50L	80L	136L	220L	420L	620L
Internal Dimension (WxDxH)mm	250x260x250 340x320x320	420x395x350	450x400x450	550x450x550	600x500x750	640x585x1355	840x600x1355
External Dimension (WxDxH)mm	530x370x420 620x440x490	720x530x520	740x530x630	840x580x730	880x630x930	780x730x1780	980x800x1880
Shelves	2(pcs)	2(pcs)	2(pcs)	2(pcs)	2(pcs)	3(pcs)	4(pcs)
Timing Range	0~9999min						

Natural Convection Oven

LED Microprocessor Controller (with timing function)

Provided for desiccation, torrefaction, wax-melting and sterilization in mining industry, laboratories and scientific research institutes.

Features

- 304 stainless steel, mirror polishing processing, easy to clean and maintain.
- Natural convection with low noise.
- PID controller with over temperature alarm and timing function ensures precise and reliable control.

Option

- Independent over-temperature alarm system ensures experiments running safely.
- RS 485 connector can connect computer to save the data via software.

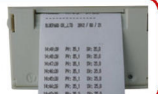


Specifications

Model	GentianaDHG-9031A	GentianaDHG-9051A	GentianaDHG-9091A	GentianaDHG-9141A	GentianaDHG-9201A
Electrical Requirement	AC 220V-240V, 60Hz				
Temperature Range	RT+10 ~ 200°C				
Display Resolution	0.1°C				
Temperature Stability	±1°C				
Ambient Temperature	+5 ~ 35°C				
Power Consumption	850W	1000W	1400W	2000W	2200W
Chamber Volume	27L	56L	96L	140L	200L
Interior Dimension (WxDxH)mm	320×300×355	400×330×415	450×430×505	520×500×575	570×560×640
Exterior Dimension (WxDxH)mm	460×520×660	540×550×720	590×650×810	660×720×880	710×780×945
Shelves	2(pcs)			3(pcs)	

Options:

- Printer



- Independent temperature-limiting Alarm system



- RS485 connector



- Intelligent programmable temperature controller
- Test hole(ϕ 25mm or 50mm)

Drying Oven

LCD Programmable controller (with timing function)

Features:

- Polished stainless-steel chamber, semicircular arcs at corners for easy cleaning, and the space between the shelves in the chamber is adjustable.
- Auto-controller of fan speed to prevent damage to the samples.
- Large LCD screen to display more data at same time.
- Self-check function easy to identify problems.
- Over temperature and temperature difference alarms.
- There is a 25mm instruction connection hole on the left side of the chamber for easy testing operation and temperature.
- Programmable controller: 7 periods 63 steps, 0~5999min for each periods, fan speed 0 to 100% adjustable.
- Independent audible and visible temperature-limiting alarm system ensures experiments run safely.
- RS485 connector can connect computer and printer to record the parameters and the variations of temperature.(Option)



Specifications

Model	GentianaBPG-9040A	GentianaBPG-9070A	GentianaBPG-9140A	GentianaBPG-9240A	GentianaBPG-9420A
Electrical Requirement	AC 220V-240V, 60Hz				
Controller	Programmable LCD display				
Power Consumption	850W	1100W	1550W	2050W	3000W
Temperature Range	RT+10~250℃				
Display Resolution	0.1℃				
Temperature Stability	±1℃				
Temperature Uniformity	±2.5%				
Shelves	2(PCS)		3(PCS)		
Interior Dimension(W×D×H)mm	350×300×400	400×320×550	500×380×750	600×450×900	1000×510×800
Exterior Dimension(W×D×H)mm	505×655×600	550×660×750	655×715×980	755×785×1130	1140×850×1080
Chamber Volume	40L	80L	150L	250L	400L
Timing Range	0~5999min				

Options:

- Printer



- RS485 connector



High Temperature Drying Oven

LCD Programmable controller (with timing function)

Provided for desiccation, torrefaction, wax-melting and sterilization in mining enterprises, laboratories and scientific research institutes.

Features:

- 304 stainless steel, mirror polishing processing, semicircular arcs at corners easy to clean and maintain. The space between the shelves in the chamber is adjustable.
- PID controller with over temperature alarm and timing function ensures precise and reliable control.
- Ceramic fiber door seal, which can run at high temperature for a long time and has a long service life.
- Programmable controller: 7 periods 63 steps, 0 ~5999mins for each period, can preset boot and shutdown time, adjustable circulating fan.
- Independent over-temperature alarm system ensures experiments running safely



Specifications

Model	GentianaBPG-9050AH GentianaBPG-9050BH	GentianaBPG-9100AH GentianaBPG-9100BH	GentianaBPG-9200AH GentianaBPG-9200BH	GentianaBPG-9760AH GentianaBPG-9760BH
Electrical Requirements	AC380V 60Hz			
Temperature Range	AH series: RT+20°C 400°C BH series: RT+20°C 500°C			
Display Resolution	0.1°C			
Temperature Stability	±0.5°C			
Ambient Temperature	+5~40°C			
Power Consumption	3250W 4050W	4050W 4900W	4900W 6050W	12750W 12750W
Chamber Volume	50L	100L	220L	760L
Internal Dimension (W×D×H)mm	350×350×400	450×450×450	600×600×600	980×1000×780
External Dimension (W×D×H)mm	890×700×920	990×790×990	1140×950×1140	1324×1263×1770
Shelves	2(pcs)			
Timing Range	0~5999min			

Options:

- Micro printer
- RS485 connector

Vacuum Oven

LED Microprocessor Controller (with timing function)

Vacuum oven is designed especially for drying material which is thermosensitive, oxidative, decomposable easily. It can also work with inert gas to dry some compound material.

Features

- 304 stainless steel, mirror polishing processing, easy to clean and maintain.
- PID controller with over temperature alarm and timing function ensures precise and reliable control, also save more than 40% heating time.
- A big dual layer tempered glass on the door provides good observation.
- Door adjustment system with silicon door gasket ensures better vacuity.



Option

- KF25 Vacuum Port.
- LED lights on the door.
- Inert gas valve.

Specifications

Model	Gentiana DZF-6012	Gentiana DZF-6020 DZF-6022 DZF-6024	Gentiana DZF-6050 DZF-6053 DZF-6055 DZF-6056	Gentiana DZF-6030A DZF-6032 DZF-6034 (Special for chemistry)	Gentiana DZF-6092 DZF-6094 DZF-6096	Gentiana DZF-6123 DZF-6126	Gentiana DZF-6213 DZF-6216	Gentiana DZF-6030B DZF-6050B DZF-6055B (Special for biology)
Electrical Requirement	AC 220V-240V, 60Hz							
Controller	LED display							
Power Consumption	400W	700W	1450W	550W 850W 850W	870W	1500W	1550W	300W 650W
Temperature Range	RT-10~200°C							RT-10~65°C
Display Resolution	0.1							
Temperature Stability	±1°C							
Vacuum Degree	133Pa							
Chamber Volume	10L	24L	50L	30L	90L	125L	216L	30L/50L
Ambient Temperature	+5~40°C							
Interior Dimension (WxDxH)mm	220x210x220	300x300x275	415x370x345	320x320x300	450x450x450	500x500x500	600x600x600	320x320x300 415x370x345
Exterior Dimension (WxDxH)mm	500x375x410	605x490x450	730x560x550	630x510x490	740x610x591	790x660x641	890x760x741	610x510x490 730x560x550
Shelves	2(pcs)	1(pcs) 2(pcs) 4(pcs)	2(pcs) 3(pcs) 5(pcs) 6(pcs)	1(pcs) 2(pcs) 4(pcs)	2(pcs) 4(pcs) 6(pcs)	3(pcs)-Independent temp. control 6(pcs)		1(pcs) 2(pcs) 5(pcs)
Chamber Material	304 Stainless steel			316 SS	304 Stainless steel			

Vacuum Oven

Microprocessor controller (with timing function)

Vacuum oven is designed especially for drying of material which is thermo-sensitive or decomposes and oxidizes 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.
- Interior chamber made from stainless steel with a mirror polished finish making for easy cleaning.
- Standard with vacuum pump.
- Direct heating and control by shelves: Each shelf has a separate temperature sensor, can be independently displayed and controlled temperature in setting, monitoring and timing, more accurate and stable(except model DZF-6216A & DZF-6094A).



Specifications (With Vacuum Pump)

Model	GentianaDZF-6930	GentianaDZF-6500	GentianaDZF-6210 GentianaDZF-6216A	GentianaDZF-6090 GentianaDZF-6094A
Electrical Requirement	AC380V 60Hz	AC380V 60Hz	AC 220V-240V, 60Hz	
Controller	LED display			
Power Consumption	5800W	3800W	2100W	1350W
Temperature Range	RT+10 ~ 200°C			
Display Resolution	0.1			
Temperature Stability	±1°C			
Vacuum Degree	133Pa			
Ambient Temperature	+5~40°C			
Chamber Volume	913L	431L	215L	90L
Interior Dimension (WxDxH) mm	750×1160×1050	630×810×845	560×600×640	450×450×450
Exterior Dimension (WxDxH) mm	1400×1395×2010	1000×1040×1855	720×820×1750	610×590×1350
Shelves	5pcs (Independent temp. control)	4pcs (Independent temp. control)	3pcs (Independent temp. control) 6pcs	2pcs (Independent temp. control) 4pcs
Chamber Material	304 Stainless steel			

Options

- LED lamp
- Inert gas valve
- Oil mist filter
- Intelligent programmable temperature controller(LCD)

Vacuum Oven

Programmability controller (with timing function)

Vacuum oven is designed especially for drying of material which is thermo-sensitive or decomposes 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.
- Interior chamber made from stainless steel with a mirror polished finish making for easy cleaning.
- Standard with vacuum pump.
- Provides programmability for 7 periods and 9 steps for each period making for a total of 63 programmable step.



Specifications (With Vacuum Pump)

Model	GentianaBPZ-6933B	GentianaBPZ-6503B	Gentiana BPZ-6213	Gentiana BPZ-6123	Gentiana BPZ-6063	Gentiana BPZ-6033
Electrical Requirement	AC380V 60Hz			AC 220V-240V, 60Hz		
Controller	LCD Programmability controller					
Power Consumption	5600W	3800W	2100W	2050W	1800W	1200W
Temperature Range	RT+10 ~ 200°C					
Display Resolution	0.1					
Temperature Stability	±1°C					
Vacuum Degree	133Pa					
Ambient Temperature	+5~40°C					
Chamber Volume	913L	431L	197L	125L	63L	33L
Interior Dimension (W×D×H) mm	750×1160×1050	630×810×845	540×575×635	500×500×500	400×400×400	320×320×320
Exterior Dimension (W×D×H) mm	1400×1395×2010	790×1030×1855	720×740×1530	660×640×1400	600×570×1390	550×490×1240
Shelves	5pcs (Independent temp. control)	4pcs (Independent temp. control)	3pcs	3pcs	3pcs	2pcs
Chamber Material	304 Stainless steel					

Options

- LED lamp
- Oil mist filter
- Inert gas valve

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.

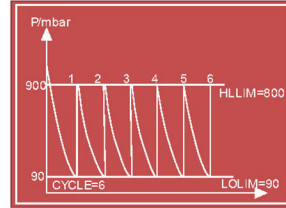
Vacuum control rang: 20Pa ~9999Pa

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	Gentiana BPZ-6933LC (BPZ-6930LC)	Gentiana BPZ-6503LC (BPZ-6500LC)	Gentiana BPZ-6213LC (BPZ-6210LC)	Gentiana BPZ-6123LC	Gentiana BPZ-6093LC (BPZ-6090LC)	Gentiana BPZ-6063LC	Gentiana BPZ-6033LC
Electrical Requirement	AC380V 60Hz			AC 220V-240V, 60Hz			
Temperature Range	RT+10~200℃						
Display Resolution	0.1℃						
Temperature Stability	±1℃						
Vacuum Gauge	Digital Display						
Vacuum Degree	133Pa						
Vacuum Sensor	Resistance silicon tube pressure sensor						
Vacuum Control Range	10~10 ⁵ Pa						
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)	1400×1395×2010	1000×1040×1855	720×820×1750	660×640×1400	610×590×1350	600×570×1390	550×490×1240
Shelves	5pcs (Independent temperature control)	4 pcs (Independent temperature control)	3 pcs (Independent temperature control)	3pcs	2pcs (Independent temperature control)	3pcs	2pcs
Chamber Material	304 Stainless steel (1Cr18Ni9Ti)						