High-low temperature (alternate) test chamber

Features

Humanized design

- New fluorine-free design.
- Dry and wet ball type or capacitance type multifunctional humidity controller, can be used for set multi periods programmable.
- High-precision temperature and humidity sensors, long life, easy to operate.
- Standard with a ϕ25mm orϕ50mm test hole on the left side of the chamber.
- Internal water bath easy to be pulled out to add water.

Quality Assurance

- Unique air circulation system to ensure the temperature and humidity uniformly.
- 304 stainless steel chamber, semicircular arcs at corners for easy cleaning.
- Intelligent programmable controller.

Safety function

- Independent temperature-limited alarm system ensures experiments run safely.
- High temperature, low and over-temperature alarm function.
- Compressor over-heat and over-load protections, fan motor over-heat and water-lack protections.

Convenient data processing (option)

- RS485 or USB connector can connect computer to record and print the parameters and the variations of temperature.(option)

programmable touch screen controller (option)

- Colorfull LCD touch screen controller, easy to observe and operation.
- Display current temperature and humidity curves.
- 100 groups with 1000 period's 999 circulations, max timing for each period is 99 hours 59 minutes.
- With screen lock function to avoid change the data or shut down by manual touch.
- With P.I.D automatic calculation function, it could correct the temperature and humidity conditions immediately.
- With RS-232 or RS-485 connector.
- It can monitor and control 9 sets equipments at the same time if install the professional software in computer.
- Real-time analysis and store the data by computer, it's convenient to print the Excel documents or Word documents.

controller

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High-low temperature (alternate)
&humidity test chamber

High-low temperature (alternate)&humidity test chamber

Specifications

Model	BPH series High-low temperature test chamber BPHJ series High-low temperature (alternate)test chamber				
	BPH-060A(B/C) BPHJ-060A(B/C)	BPH-120A(B/C) BPHJ-120A(B/C)	BPH-250A(B/C) BPHJ-250A(B/C)	BPH-500A(B/C) BPHJ-500A(B/C)	BPH-1000A(B/C) BPHJ-1000A(B/C)
Temperature Range	A:-20℃ ~150℃ ; B:-40℃ ~150℃ ; C:-60℃ ~150℃				
Temperature Stability	±0.5℃				
Temperature Uniformity	±2℃				
Humidity Range	-				
Humidity Stability	-				
Interior Dimension (W×D×H,mm)	400×380×450 650×1040×1650	500×400×600 700×1040×1750	600×600×700 800×1160×1850	800×700×900 1000×1204×1985	1000×1000×1000 1530×1500×1870
Electrical Requirement	A:AC220V 50Hz B:AC220V 50Hz C:AC220V 50Hz	A:AC220V 50Hz B:AC380V 50Hz C:AC380V 50Hz	A:AC380V 50Hz B:AC380V 50Hz C:AC380V 50Hz	A:AC220V 50Hz B:AC380V 50Hz C:AC380V 50Hz	A:AC380V 50Hz B:AC380V 50Hz C:AC380V 50Hz
Power Consumption	2250W/2650W/3750W	3650W/5050W/7300W	3950W/5100W/7300W	4000W/7050W/	8400W/9900W/11400W

Model	BPHS series High-low temperature &humidity test chamber BPHJS series High-low temperature(alternate) &humidity test chamber				
	BPHS-060A(B/C) BPHJS-060A(B/C)	BPHS-120A(B/C) BPHJS-120A(B/C)	BPHS-250A(B/C) BPHJS-250A(B/C)	BPHS-500A(B/C) BPHJS-500A(B/C)	BPHS-1000A(B/C) BPHJS-1000A(B/C)
Temperature Range	A:-20℃ ~150℃ ; B:-40℃ ~150℃ ; C:-60℃ ~150℃				
Temperature Stability	±0.5℃				
Temperature Uniformity	±2℃				
Humidity Range	30~95%RH				
Humidity Stability	±3%RH				
Interior Dimension (W×D×H,mm)	400×380×450 650×1040×1650	500×400×600 700×1040×1750	600×600×700 700×1160×1850	800×700×900 1000×1204×1985	1000×1000×1000 1530×1500×1870
Electrical Requirement	A:AC220V 50Hz B:AC220V 50Hz C:AC220V 50Hz	A:AC380V 50Hz B:AC380V 50Hz C:AC380V 50Hz	A:AC380V 50Hz B:AC380V 50Hz C:AC380V 50Hz	A:AC380V 50Hz B:AC380V 50Hz C:AC380V 50Hz	A:AC380V 50Hz B:AC380V 50Hz C:AC380V 50Hz
Power Consumption	3750W/4150W/5250W	5950W/7050W/9300W	6000W/7100W/9300W	6650W/7850W/	12.4KW/13.9KW/15.4KW

Options

- Independent temperature-limiting Alarm system

- RS485 connector and software