



HENGZHUN

东莞力显仪器科技有限公司

DONG GUAN LIXIAN INSTRUMENT SCIENTIFIC CO.,LTD

Product introduction

Name: HZ-2015 High temperature testing chamber



Equipment summary:

The system is mainly composed of a box body, heating equipment, air circulation system and control system. The shell is formed by electrostatic spray or fog of cold rolled steel plate surface is made of high quality stainless steel liner, mirror stainless steel plate, the box door is arranged in the middle of a large area of the observation window, and is equipped with an observation lamp, make the user can see the test sample appearance clearly. The overall appearance. The thermal insulation

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layer is made of rigid polyurethane foam with a small amount of fine glass wool, with high strength, good insulation characteristics. The main temperature of the equipment controller adopts intelligent digital temperature humidity control system, the operation method of humanized design, easy to use, and the function of different grades of instrument operation Compatible with each other. The digital correction system input, built-in thermocouple and thermal resistance of commonly used nonlinear correction table, measuring precision and stability. With the regulating function of the position adjustment and AI artificial intelligence, 0.2 grade precision, a variety of alarm mode. Automatic control and safety protection coordination system. Using stainless steel heating fin heating tube.

Main function:

The equipment is mainly for electrical, electronic products, and its components, storage, and other materials in high-temperature environment, transportation, use adaptability test. The test equipment is mainly used for the products in accordance with the requirements of the national standard or custom requirements under high temperature conditions, environmental simulation test of physical products and other relevant characteristics test, through testing, to determine the performance of the product, is still able to meet the preset requirement for product design, improvement, identification and inspection.

Main features:

- 1, the use of multi wing fan, strong air circulation, to avoid any dead angle, so that the temperature distribution in the test area evenly
- 2, the wind road cycle air return design, wind pressure, wind speed meets the test standard, and can make the door instantaneous temperature stabilization time.
- 3, the heating system is completely independent, which can improve efficiency, reduce test cost, increase life expectancy and reduce failure rate



4, the temperature control adopts all import touch button type instrument, the operation is easy to set

5, after the data and test conditions are input, the controller has the locking function, and avoids the human touch to change the temperature value

6, with the function of P.I.D automatic calculation, the temperature variation condition can be corrected immediately, and the temperature control is more accurate and stable

Satisfaction standard:

1. GB 10592-89 Technical specification for high and low temperature test chamber
2. GB 11158-89 Technical specification for high temperature test chamber
3. GB/T5170.2-1996 Test methods for basic parameters of environmental testing equipment for electrical and electronic products -- temperature test equipment
4. GB2423.2-89 Basic test procedure for electrical and electronic products -- Test B: -- high temperature test method
5. GB2424.1-89 Basic environmental test procedures for electrical and electronic products - Guidelines for high temperature and low temperature test

Application industry:

Suitable for fabrics, electronics, plastics, appliances, instruments, food, vehicles, metals, chemicals, building materials, aerospace, medical... And other products for testing quality

Technical parameter:

Model	HZ-2015-80	HZ-2015-100	HZ-2015-150
Inner working size D×W×H	40*50*40 cm	40*50*50 cm	50*60*50 cm
Temperature range	Normal temperature~150℃(can be customized)		

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Fluctuation / uniformity		$\leq \pm 0.5^{\circ}\text{C} / +2^{\circ}\text{C} - 3^{\circ}\text{C}$
Control system	Heating system	Fully independent system, nickel chromium alloy electric heater
	cyclic system	Low temperature and low noise air conditioning motor. Multi blade centrifugal wind wheel
materials used	External material	High quality carbon steel plate. Phosphating, electrostatic spray treatment, /SUS304 stainless steel noodles, lines, hair processing (optional)
	Internal material	SUS304 Stainless steel mirror plate
	Door insulation	Double layer high and low temperature resistant silicone rubber door seal strip
standard layout		Multi layer heating contact with 1 sets of lighting glass window, test rack 2, test lead hole (25,50mm) 1piece
security guard		Leakage, short circuit, over temperature, motor overheating, overload, over-current protection
Timing function		0.1~999.9 (S、M、H) adjustable
Supply power		AC380V $\pm 10\%$ 50 $\pm 0.5\text{Hz}$, Three-phase Five-wire
Operation environment temperature request		5 $^{\circ}\text{C}$ ~ +30 $^{\circ}\text{C}$ $\leq 85\%$ R.H

Note:

- 1.The above data are measured at ambient temperature (QT) 25 OC. The chamber has no load
- 2.Can be customized according to the specific requirements of users of non-standard high and low temperature, low temperature test room

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