

产品介绍

PRODUCTS INTRODUCTION

PT-2070 Salt Spray Tester

Standards: GB/T10125/10587,ASTM B117/B287,JIS Z2371,CNS3627



Application : Salt spray test is a kind of environmental test which mainly use salt spray test equipment to simulate the environmental conditions of artificial salt fog to assess the corrosion resistance of products or metal materials.It is divided into two categories, one is natural environmental exposure test and the other is artificial acceleration simulated salt spray environment test.Artificial simulated conditions of salt spray test is to use a certain volume of space test equipment, salt spray test chamber, in his capacity space, using the method of artificial salt fog environment to the salt fog corrosion resistance properties of the product the results of time also greatly reduced.

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As in the natural exposure environment to test some samples, the corrosion may be 1 years, and under the condition of artificial simulated conditions of salt fog test, as long as 24 hours, can get similar results.

Machine Features :

Salt spray corrosion test chamber for artificial climate environment "three against" (hot and humid, salt spray, mold) one of test equipment, is the study of mechanical, defense industry, light industry, electronics, instrumentation and other industries a variety of environmental adaptability and reliability of a kind of important test equipment. It is widely used in accelerated salt spray corrosion test of metal material protection layer, mechanical parts, electronic components and industrial products.

The performance indicators meet the requirements of GB/T5170.8 "basic parameter verification method for electrical and electronic products environmental test equipment". The salt spray corrosion test box can be used for various salt spray tests in accordance with GB/T2423.17 basic environmental test procedures for electronic and electrical products Ka: salt spray test methods and equivalent IEC, DIN, MIL, ASTM standards. In addition to the neutral salt spray test, it can also be used for the acetate mist test.

Parameters :

| Model | PT-2070A | PT-2070B | PT-2070C | PT-2070D | PT-2070E | PT-2070F |
|-------------------------|--|----------|-----------|------------|------------|-----------------|
| Test Space (cm) | 45×60×40 | 60×90×50 | 70×100×50 | 100×120×50 | 100×160×50 | 100×120×60 |
| Temperature Range | RT~+55℃ | | | | | |
| Temperature fluctuation | ±0.5℃ | | | | | |
| Temperature uniformity | ≤±2℃ | | | | | |
| Test Temperature | A) salt water test : test temperature 35℃ temperature 47℃ | | | | | Saturation drum |

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| | B) Corrosion test : test temperature 50°C Saturation drum temperature 63°C |
| Salt fog settling amount | 1 - 2ml/80cm ² .h |
| Spray way | Air flow type, continuous and intermittent spray arbitrary setting |
| Timer | Adjustable 0.1 - 999h |
| Time-integrating | 0 - 9999.9h |
| Exhaust pressure | 1.25M |
| Volume flow | 0.13m ³ /min |
| Chamber Materials | PVC plate , Corrosion resistant, anti - aging easy to clean, no leakage. |
| Control System | Japan "omron" or "Fuji" high precision digital display temperature controller, accurate control, stable, long-term operation does not drift. Temperature control adopts p. i. D + s. s. R, and the system is coordinated with the channel control, which can improve the stability and service life of control elements and interfaces. Touch setting, digital and direct display. With the function of P. I. D automatic calculation, it can reduce the inconvenience caused by human setting. In operation or setting, if there is an error, a warning signal will be provided. |
| Temperature and humidity control method | Completely independent system, does not affect salt spray test and control line. Temperature control output power is calculated by microcomputer to achieve high precision and high efficiency. The test temperature in the box is water jacket heating and humidifying, fast heating and even temperature distribution. |
| Sensor | PT100 Sensor |
| Running mode | Manual support or automatic air support to open and close the box |

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| | cover easily from the water seal structure, no salt mist overflow |
| Heating mode | Direct heating method, the heating speed can quickly reduce the standby time. When the temperature arrives, the constant temperature will be automatically switched. Pure titanium heat pipe, acid and alkali resistance, long service life. |
| Heating Parts | advanced titanium alloy protector tube, built-in far infrared heating core of nickel chrome alloy. Fast temperature rise, uniform temperature distribution; And compared with the heating power of glass reinforced plastic case jacket, it is about half less. |
| Tower spray system | The salt spray is evenly distributed, the sedimentation is freely regulated, and the nozzle has no crystallization |
| Electric actuators | “Omron components |
| Standard configuration | 1 V/O type shelf X12 2 Meter measuring cylinder X 1 3 .Temperature indicating needle X2 4. Collector X1 5. Glass spray nozzle X1 6. Humidity cup X1 7 .Glass filter X1 8. Spray tower X1 9 .Automatic water charging system X1 10. Fog dispersal system X1 |
| Meet Standards | NSS , CASS , ASS , SS, etc |

INTRODUCTION

企业简介

● COMPANY HONOR 公司荣誉

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|--------------|---|
| 东莞市民营科技企业 | Private technological type enterprises in Dongguan city |
| 东莞市质量协会会员单位 | Member unit of quality association in Dongguan city |
| 旅行箱包相关标准起草单位 | Member unit in relevant standards of traveling case and bag |
| 中国胶粘剂协会会员单位 | Chinese member unit of adhesive association |
| 中国皮革协会会员单位 | Chinese member unit of leather association |

● CORE COMPETENCIES 核心能力

公司一直从事材料及其制品的物性检测的开发、研制工作。通过近二十年的发展，已建立起公司的“工程技术研发中心”和精密制造团队。主要开展材料及其制品的物性检测方法 & 检测技术研究，检测方法标准的制定，检测仪器开发研制，检测技术培训等多项业务。已在以下行业具备了强劲、领先的专业优势：

The company had been engaged in the development of the physical performance test about materials and their products, Through nearly 20 years of development, had established the "engineering and technology research and development centers" and precision manufacturing team. Mainly develop the testing methods of material and products and measure technical research, the formulation of the detection method standard, the development of testing instrument, technical training and other business. Had already possessed the powerful, leading professional advantage in the following industries:

● COMPANY VISION 公司愿景

成为先进检测方法的开创者，成为企业产品品质提升的方法的引导者。
营造一个创造价值、全员满意的优质工作环境。

Become the pioneers of advanced test methods and the guide of methods for upgrading the quality of product
Creat the high quality working conditions for the creation of value and the staff

● COMPANY MISSION 公司使命

为客户提供产品质量提升的最佳解决方案，消除一切产品的缺陷和使用隐患，为提升人类的生活品质而执着追求！
Provide the best solution to upgrade product quality for customers and eliminate defects and the use of hidden dangers of all products, persistent quest for upgrading the quality of human life.

● CORE VALUE 核心价值

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| <ul style="list-style-type: none"> • 顾客满意 主动倾听顾客的声音 提供顾客最佳解决方案 • 团队合作 专业分工，相互支持 主动沟通，实时协调 彼此信任，遵守纪律 • 贯彻执行 目标明确，追求成长，坚持到底 • 创造价值 鼓励创新，持续学习 | <ul style="list-style-type: none"> • Satisfy the customers Take the initiative to listen to the voice of customers Provide customers with the best solution • Teamwork Professional division of labor, support each other Active communication, real-time coordination Mutual trust and observe discipline • Carry out Clear objectives, pursue development, persist to the end • Creat value Encourage innovation, continuous learning |
| 提供员工安全、健康、绿色的工作环境 | Provide secure, healthy and green working environment for the staff |