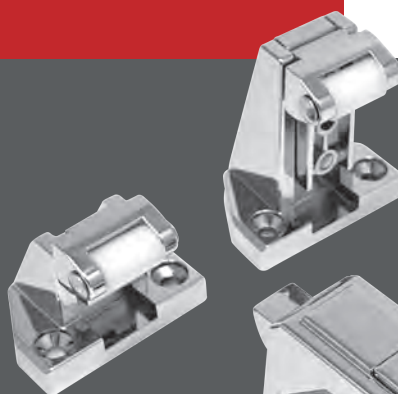




**YOE  
SHIN®**

**由 鑫 國 際 有 限 公 司**

工業鎖具、鉸鏈、風扇、電子鎖、箱扣、限位開閉器  
Locks, Latches, Hinges, Fan, Electronic Lock System

TAI SAM CORPORATION



## 由鑫國際有限公司

工業鎖具 · 鉸鏈 · 箱扣 · 散熱模組 · 電子鎖

由鑫國際有限公司 創立於 1997 年，是一家具規模的工業五金製造商，主要產品包括：工業櫃鎖、電子鎖、鉸鏈、把手、搭扣、散熱模組等。產品應用於工業配電櫃、自動化設備、交通運輸設備、工具機、工業機箱機櫃、食品機械、醫療設備機械鉸金等各式工業箱柜體。

擁有最完善、最強大的檢測設備；建立可靠的品管體系，專業的研發技術團隊，取得多項發明及專利。使用由鑫國際原廠產品，能確保貴公司擁有最佳且穩定的供應鏈，提升產品附加價值及競爭力！

我們在全球擁有許多經銷商及成功實績案例，在嚴謹的品質管理系統及精密的製程環境管理下，我們能保證每項產品符合工業應用的條件。





ITALY  
POLAND  
SPAIN  
U.K.

CROATIA  
FINLAND  
FRANCE  
GERMANY

**EUROPE**

SAUDI ARABIA  
SHARJAH  
SINGAPORE  
SRI LANKA  
THAILAND  
VIETNAM

CHINA  
INDIA  
ISRAEL  
MALAYSIA  
RUSSIA

**ASIA**

Established in 1997, TAI SAM CORPORATION is a large-scale industrial enclosure cabinet company and a comprehensive industrial manufacturing enterprise. Our main products include industrial cabinet locks, electronic locks, hinges, handles, gaskets, fans and more. These products are applicable to all kinds of cabinets, ships, semi-conductor equipment, medical equipment, railway track equipment, machinery sheet metal, etc.

We have the most comprehensive testing equipment and the most reliable quality assurance system in the field of cabinet lock industry. We have professional R&D technical team which designs customized products. We also have several new innovative products and patents. Using the original products from TAI SAM CORPORATION can ensure that your company has the best and stable supply chain. With our reasonable price and stable supply, we are able to help your company create excellent advantage and thereby enhancing competitiveness.

We have a number of industrial facility performance project around the world. Having a rigorous quality management system and sophisticated environmental management process, we can ensure that each product meets the conditions of industrial applications.



# DESIGN MANUFACTURING DELIVERY



設計  
DESIGN

製模  
MOLDING

塑膠射出  
INJECTING

壓鑄  
DIE CASTING

沖壓  
STAMPING





表面處理  
SURFACE TREATMENT

產品完成  
PRODUCT COMPLETION

包裝  
PACKAGE

運輸  
TRANSPORT

# TEST CENTER

## 產品檢測實驗室

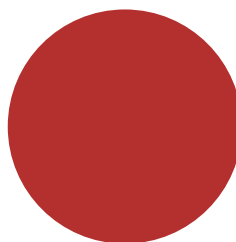
## PRODUCT TESTING LABORATORY

本公司產品檢測中心分設：產品耐候性實驗、機械性能實驗、理化分析實驗 三類別。

根據 GB/T25293-2010 檢驗要求。

建立整套鎖具鉸鏈檢驗設備系統。

To establish a complete set of inspection equipment system for locks and hinges



01

### 產品耐候性試驗： PRODUCT WEATHERING TEST

鹽霧試驗、紫外線耐試驗、高低溫交變濕熱試驗。

02

### 機械性能實驗及設備： MECHANICAL PERFORMANCE TEST AND EQUIPMENTS

拉力試驗：檢測產品及材質的抗拉強度；衝擊試驗：檢測產品及材質的抗衝擊性能；影像測量儀：產品精密測繪、材料全像分析；測厚儀、硬度計、彈簧拉壓試驗機、彈簧扭力測試機、振動試驗機、各種機械疲勞實驗機。

03

### 理化分析實驗： PHYSICAL AND CHEMICAL ANALYSIS EXPERIMENT

原子吸收分光光度計：材料成分化驗、歐盟 RoHs 指令有毒有害重金屬的含量檢測；六價鉻含量檢測。



# TEST EQUIPMENT



## 檢驗設備儀器：

### Inspection Equipment

1. 鹽霧試驗機  
Salt Spray Test Machine
2. 影像測量儀  
Image Measuring Instrument
3. 紫外線耐候試驗箱  
UV Weathering Test Chamber
4. 粉塵試驗箱  
Dust Test Chamber
5. 衝擊試驗機  
Impact Testing Machine
6. 耐電壓測試儀  
High Voltage Tester
7. 光譜儀  
Spectrometer
8. 鎖心壽命測試機  
Lock Life Test Machine
9. 硬度計  
Hardness Tester
10. 碳硫高速分析儀  
Carbon And Sulfur High Speed Analyzer
11. 原子吸收分光光度計  
Atomic Absorption Spectrophotometer
12. 防水試驗機  
Waterproof Testing Machine



## 電子拉壓萬能試驗機

### ELECTRONIC TENSION AND PRESSURE UNIVERSAL TESTING MACHINE

1. 測試各種材質的抗拉強度
2. 測試機櫃門鎖的擋片承重、手柄耐拉力值。
3. 測試鉸鏈橫向與縱向承重力的大小。



## 高低溫濕熱交變試驗箱

### HIGH AND LOW TEMPERATURE ALTERNATING HOT AND HUMID TEST CHAMBER

模擬加強操控各種環境下溫度、濕度及變化，在模擬環境下測試對產品機械與物理性能的影響。

奈米噴塗概念：奈米噴塗是奈米技術在工程中的應用，它是在物體表面形成一層微細奈米塗層的新型噴塗技術。塗層內含有高硬度、高耐腐蝕性奈米材料，可以提供多種顏色和光澤，是一種環保、經濟、耐用的表面處理。

奈米塗層不犧牲塗層，擁有卓越的耐酸、耐鹽鹼性以及高硬度，高穩定性。

# SKILL

## 奈米噴塗 NANOMETER SPRAY PAINTING



Nanometer Spray concept: nanometer spraying is the application of nano-technology in the project. It is a new form of spray technology that involves forming a layer of fine nano-coating on the surface of the object. The coating contains high surface hardness, high corrosion resistance nano materials that can provide a variety of colors and luster. This surface treatment is environmentally friendly, economical and durable. Nanometer coating does not sacrifice the coating. It has excellent resistance on acid, salt and alkali and has a high surface hardness and stability

|    |        |                                            |
|----|--------|--------------------------------------------|
| 1  | 耐高溫    | 150°C -180°C                               |
| 2  | 耐低溫    | -40°C                                      |
| 3  | 硬度     | GB/T6739-96                                |
| 4  | 衝擊強度   | GB/T1732-93 無開裂、脫落 ( 50kg.cm )             |
| 5  | 耐沸水    | 100°C浸泡 60 分鐘後無異常                          |
| 6  | 耐酸性    | 5% 鹽酸溶液浸泡 200 小時後無異常                       |
| 7  | 耐鹼性    | 5% 苛性鹼溶液浸泡 200 小時後無異常                      |
| 8  | 耐鹽霧腐蝕性 | 符合 GB/T1025-1997 500 小時中性鹽霧試驗              |
| 9  | 產品環保性  | 符合歐盟 RoHS 指令要求                             |
| 10 | 耐黃變性   | 180°C烘 60 分鐘後無色差                           |
| 11 | 耐候性    | GB/T4522-93 E<2 ( ASTM-G-53 ) QUV200 hours |
| 12 | 彎曲試驗   | GB11185-89 3MM Keep normal                 |
| 13 | 塗膜厚度   | GB1764-79 40-60um                          |



# DESCRIPTION

產品應用：工業配電櫃、自動化設備、鐵路運輸設備、工具機、工業機箱機櫃、食品機械、各類工業箱櫃體。

APPLICATION: Electrical Distribution Cabinet, Automation Equipment, Railway Equipment, Industrial Machinery, Food Production Machinery, and various industrial enclosures

擁有技術團隊與客戶共同開發專屬產品

We have a technical R&D team that work closely with customers to develop exclusive innovative products



## ● 圖例說明 ILLUSTRATION



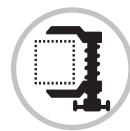
IP 等級  
IP Rating



RoHS  
RoHS



不銹鋼  
Stainless Steel



壓縮迫緊  
Compression



防震  
Vibration Resistant



兩點鎖門  
Two Point Lock



三點鎖門  
Three Point Lock



鎖點可變  
Three Point Lock Changeable  
Lock Point



多點鎖門  
Multi-point Lock



快速拆卸  
Lift-Off Hinge



隱藏式鉸鏈  
Concealed Hinge



外裝鉸鏈  
External Hinge



左右開門  
Right and Left Side Opening



右開門  
Right Side Opening



左開門  
Left Side Opening

## ● IP 等級含義 IP Rating

IP 分類體系通過一個數字來表明相體對抗衝擊和粉塵及水侵入的保護等級分區

按照 IEC60529 對防護級別的劃分，其含義如下：

An IP rating, or Ingress Protection Rating classifies the degrees of protection against impact and entrance of both solids and liquids.

| 第一位 | 含義                                                                                                                                                                         | 第二位 | 含義                                                                                                                                                      |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0   | 無防護<br>No protection against contact and ingress of objects                                                                                                                | 0   | 無防護<br>No protection against contact and ingress of objects                                                                                             |
| 1   | 防護大於 50MM 的物體<br>Protection against entry of objects larger than 50 mm                                                                                                     | 1   | 防護滴水（如凝結液）<br>Protection against drops of liquid (such as condensed water)                                                                              |
| 2   | 防護大於 12MM 的物體<br>Protection against entry of objects larger than 12 mm                                                                                                     | 2   | 防護滴水、下滴傾斜角度小於 15<br>Protection against drops of liquid. Drops of falling liquid shall have no effect when housing is tilted to 15 degrees from vertical |
| 3   | 防護大於 2.5MM 的物體<br>Protection against entry of objects larger than 2.5mm                                                                                                    | 3   | 防護噴灑水、傾斜角度小於 60<br>Protection against rain. No harmful effect from rain at angle less than 60 degrees from vertical                                     |
| 4   | 防護大於 1.0MM 的物體<br>Protection against entry of objects larger than 1.0mm                                                                                                    | 4   | 防護來自所有方向的濺水<br>Protection against splashing water from any direction                                                                                    |
| 5   | 防護足以造成危害的粉塵的侵入<br>Ingress of dust is not entirely prevented, but does not allow entry of sufficient quantity to interfere with the satisfactory operation of the equipment | 5   | 防護來自所有方向的水柱<br>Protection against water jet from any direction                                                                                          |
| 6   | 粉塵無法侵入<br>Total protection against ingress of dust                                                                                                                         | 6   | 防護高壓水柱<br>Protection against high pressure water jet                                                                                                    |
|     |                                                                                                                                                                            | 7   | 水中 150MM-1M 防護水的浸入<br>Protected against the effect of immersion in water between 15 centimeters and 1 meter                                             |