



# 標準自動門機組 Standard type AUTO DOOR

採用最新科技智慧型，微電腦數位控制系統  
The latest intelligent micro-computer control system is adopted.

中國、台灣 等多家知名連鎖便利商店均指定採用本公司自動門系列  
China and Taiwan many other well-known chain-like convenience stores designate to use TAI SHAN auto door centralized control series.

## OP606

### 規格性能表 Technical Specifics

項目	Items	單 門 Single Panel	雙 門 Bi Parting Panel
門重量	Door Panel Weight	120kg x 1 (片)	75kg x 2 (片)
門幅度	Operating Range	700mm~2000mm x 1	700mm~1500mm x 1
鋁合金軌道	Alum.Alloy Track Length	2500mm	4200mm
開關門速度	Open / Close Speed	220mm/s (秒)~500mm/s (秒) (可調式 Adjustable)	
使用電源	Power Supply	AC110V ±10%, AC220V ±10%, 50Hz~60Hz	
驅動馬達	Motor	DC24V / 70W 直流無刷馬達 Brushless Driver	
傳動馬達	Driving	馬達與齒輪比分離式組合，採用S3M齒輪時規皮帶 Setting SP-type with Motor and Tooth Pulley. Used S3M Toothed Timing Belt	
傳動皮帶	Drive Belt	S8M齒型時規皮帶 S8M Toothed Timing Belts	
調整方式	Adjustable function	按鍵式數字型視窗功能鍵 Digit Display with Numerical Keypad	
控制器	Controller	智慧型CPU微電腦數位控制全程開閉監控 The CPU microcomputer several bits check the global make and break monitoring	
重量功能	Change Weight Function		
開門幅度	Open Option	全開、半開。半開以上幅度無段式調整開門幅度 Full and ajar. The ajar above scope does not have the section of type adjustment opening the door scope	
開門停留時間	Delay Time to Closeing	1 - 99 Seconds (秒)	
防止夾人	Anti-Clamping	可調整夾人力道反轉開門 May adjust the overcrowded strength reverse to open the door	
環境溫度	Operating Temperature	-20°C ± 50°C	
其他	Others	安全衝撞檢知，自我故障偵測警示聲...等。 The security Impact dashes, Diagnosis Alert....etc.	

使用方法及基本動作: 電源 ON → 偵測行程 → 徐行開門 → (開門狀態) → 徐行關門 → 慢速關門 → 停車 → (關門狀態) → 檢知器ON → 常速開門 → 煞車 → 慢速開門 → 停車(呈開門狀態) → 檢知器OFF → 常速關門 → 煞車 → 慢速關門 → 夾合 → 停車(關門狀態)

Application method & elementary action: ON → Detect → Normal speed door open → (Door open) → Normal speed door close → Slow speed door close → Brake. → (Door close) → Detector ON → Normal speed door open → Brake. → Slow speed door open → Stop (door open) → Detector OFF → Normal speed door close → Brake. → Slow speed stop → Closing → Stop (door close)

#### 高硬度鋁合金擠型軌道

運轉時起動平穩準確無雜音，採用鋁合金擠型一體成型，耐摩擦、不變型、外表美觀。

#### Highly Hardness of Alum. Alloy Track:

Adopting durable Alum. Alloy track, one-boby formed, which can work stable and smooth without noise.

#### 伸縮彈簧

按裝時微拉開彈簧，傳動皮帶可自動鬆緊，長期使用均不至於產生皮帶脫落。

#### Flexible Spring:

When installation, pull slightly the spring, and drive belt can be automatically adjusted the tightness. Even after long time of use, the belt won't be falling off.

#### 重量功能

分為四段指撥切換功能，備有輕型、中型、重型、加重型。

#### Change weight Function:

4 Section Switch for Light, Moderate, Heavy, and Ultra-Heavy Duty

#### 微電腦數位化控制器

自動門神經中樞，門扇開閉之動作均由微電腦指令設定，備有23種調整功能，能使自動門運轉順暢。

#### Micro-Computerized Controller:

The auto door's centralized control system has 23 kinds of adjustment functions which can cause the auto door performing smoothly.

#### 傳動從輪

此從輪可藉著機具之調整保持皮帶伸縮平穩、順暢、不抖動。

#### Idler Pulley:

Idler pulley is adjusted to keep belt stable flexibility, smooth and anti-vibration.

#### 門扇傳動滑輪及固定吊具

將門片吊輪懸掛於軌道上，門扇滑動時減少阻力，並可引導門扇左右滑動，停電時僅需3公斤之手動力量即可開閉自如。

#### Door Panel Track Wheels & Fixing Hanger:

Track wheels can reduce the resistance, and can lead the door panel to slide toward left of right direction. Maximum force to open / close door panel shall be 3kgs, when power is failure.

#### 驅動S8M齒型時規皮帶

採用齒型皮帶，運轉時不空轉，無噪音、煞車、停車控制精準。

#### Drive Belt:

Adopting S8M toothed timing belt, no idling while it runs, noise-less, control accurately for brake and stop.

#### 省電高效率DC直流無刷馬達

驅動馬達採用避震、防音之密閉式無段DC直流無刷馬達，提高起動扭力大及關閉速度，並附有過負荷安全迴路裝置，避免空轉，耗電量低。

#### Power Motor:

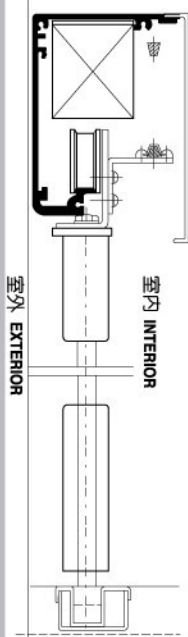
Driving motor adopts shockproof, noiseless closed-type variable speed DC brushless motor to increase for big start torque and door panel open / close speed. It has designed with overloading safety circuit device to avoid idling for less power consumption.

#### 施工結構圖

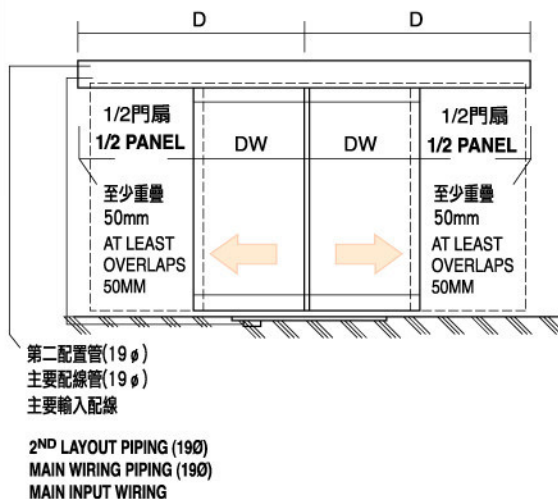
#### Construction structure drawing

#### 自動門機械盒

#### VERTICAL SECTION:



#### 雙滑門內視圖 BI-PARTING PANEL ELEVATION



#### 單滑門內視圖 SINGLE PANEL ELEVATION

