



**AS-100**  
**(HeatPLUS)**

**智慧型節能揭門式洗碗碟機(熱回收)**

**SMART ENERGY SAVING DOOR TYPE  
DISHWASHER (HEAT RECOVERY)**



**創新技術 · 智慧管理 · 成本銳減 · 效益倍增**

**Connecting Innovation & Smart Technology to Drive Cost Savings &  
Maximise Operational Efficiency**

# AS-100 (HeatPLUS)

## 產品描述 Product Description

CHAMPION AS-100 (HeatPLUS) 智慧型節能揭門式洗碗碟機，搭載多項專利技術與智慧管理系統，包括革新的第二代專利熱回收系統，提供符合國際標準的高效清潔效能。以永續綠色營運模式，助您輕鬆應對繁忙清洗需求，為現代餐飲業實現最大成本效益。

The CHAMPION AS-100 (HeatPLUS) is an energy-efficient door-type dishwasher featuring multiple patented technologies and a smart management system, including an innovative 2<sup>nd</sup> generation patented heat recovery system, offering high cleaning efficiency that meets international standards. It optimises cost-effectiveness for the modern food and beverage industry while supporting your green operational goals.

## 為什麼選擇 AS-100 (HeatPLUS) ? Why to choose AS-100 (HeatPLUS)?



- |                     |                                                                                                                                               |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| 省成本<br>Cost Savings | : 每年節省能源費用超過 70%，同時降低人力管理成本<br>Save over 70% on energy costs annually while reducing labor management expenses                                |
| 省時間<br>Time Savings | : 智慧故障診斷與遠端維護功能，提升維護效率<br>Smart fault diagnosis and remote maintenance features enhance maintenance efficiency                                |
| 省心<br>Peace of Mind | : 原廠保養及售後維護，確保及時全面的技術及零件支援<br>Genuine warranty coverage ensures timely and comprehensive technical and parts after-sales services and support |

## 創新技術 · 提升效能

Cutting-edge Technology • Enhanced Cost Effectiveness



### 靜磁™智能變頻主洗泵

消除傳統機械軸承摩擦，有效減少流體阻力，輸出馬力比傳統電機提升高達150%，透過動態調整轉速，實現十段清洗力度精細調節，滿足多樣化清洗需求，同時採用先進的氧化鋯陶瓷密封技術，有效降低故障率及能耗，提升整體效能

#### CleanMag™ Smart Motorpermanent

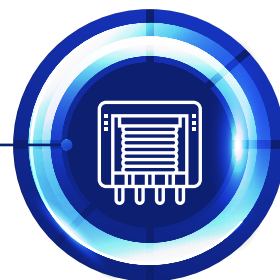
Eliminates friction from traditional mechanical bearings, effectively reducing fluid resistance, and achieve an 150% increment in output power compared to the traditional motors. Dynamic speed adjustment allows for ten levels of cleaning intensity control, meeting diverse cleaning needs. Utilizing advanced zirconia ceramic sealing technology, it effectively lowers failure rates and energy consumption while optimizing overall performance

### CHAMP-BOX™無觸式繼電器

抗濕氣設計，穩定耐用，避免傳統繼電器因氧化導致接觸不良，在極端環境中仍能穩定工作

#### CHAMP-BOX™ Contactless Relay

Humidity-resistant design for stability and durability. Prevents oxidation-related contact failure, ensuring reliable operation in extreme environments



### CHAMP-X™活塞脈衝陶瓷智能分配器

採用油井抽取原油的往復式活塞泵技術，並以高硬度的氧化鋯陶瓷作為主材，實現0.1ml精準分配，大幅降低清潔劑浪費，輕鬆維持穩定高效的清洗效果，壽命高達10年

#### CHAMP-X™ Smart Pulsed Signal Injector

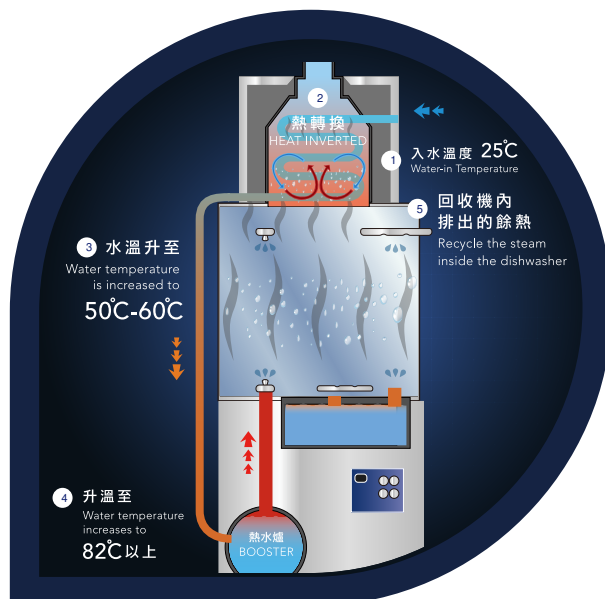
Utilises reciprocating piston pump technology commonly used in oil well extraction, with high-hardness zirconia ceramic. Delivers precise 0.1ml dispensing, significantly reducing detergent waste while maintaining efficient cleaning results, with a lifespan of up to 10 years

### 靜研™大氣壓傳感液位儀

採用大氣壓力計算水位高度，精準控制水位及減少水質干擾，以及提供信號感測換水密度，以便監察衛生操作程序

#### CleanNovation™ Atmos Sensor

Using atmospheric pressure to calculate water level height, it enables precise water level control and minimises water quality interference. Additionally, it provides signal sensing for changes in water density, ensuring effective monitoring of sanitary operating procedures



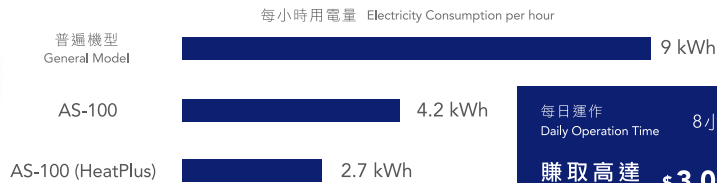
技術專利編號 HK30114806  
Technology Patent No.

第二代熱回收專利技術  
The 2nd Generation Patented Heat Recovery Technology





## 電源節省 Electricity saving



## 供電需求減少 Power Supply Requirement Reduction

傳統機型 General Model ▶ 30 Amp **AS-100 (HeatPLUS) ▶ 15 Amp**

以上數據只作參考用途，節省率會受實際環境及操作所影響。  
The above data is for reference purposes only. The saving is affected by actual environment and washing procedure.  
以上資料根據香港生產力促進局驗證 (項目編號 01044)。  
The above information is based on the testing result of Hong Kong Productivity Council (Project Number 01044).



## 智慧管理 • 無憂運營

### Smart Management • Seamless Operation



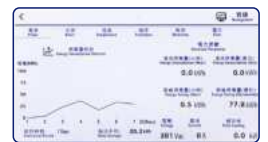
**實時衛生監控**  
Real-time Hygiene Monitoring

▶ **實時監控洗滌過程，確保餐具衛生100%達標**  
Tracks all the washing cycles to ensure 100% compliance with hygiene standards



**維護服務管理**  
Service Management

▶ **智慧診斷異常，提前預警，減少停機風險**  
Intelligent diagnosis with early abnormality warning to minimise downtime risks



**營運資源管理**  
Resources Management

▶ **智能監控能源及清潔劑用量，優化成本控制**  
Smart tracking of energy and detergent consumption to optimise cost control



**中央管理多台設備**  
Centralised Management of Multiple Devices

▶ **透過電腦掌握設備狀態，生成洗滌報告，便於管理**  
Remotely monitor and manage multiple equipment status through network connectivity, enabling efficient centralised control

## 高效清潔 • 衛生保障

### High Cleaning Efficiency • Hygiene Assurance



**360°立體噴淋**  
360° Stereo Rinsing System

▶ **上下雙噴臂搭配特殊噴嘴，徹底清除頑固污漬，全方位確保清潔效果**  
Dual spray arms (top and bottom) paired with specialised nozzles thoroughly remove stubborn stains, ensuring complete cleaning coverage



**多重洗滌模式**  
Multiple Washing Modes

▶ **標準模式、重污模式及除垢程序，靈活應對多樣化需求**  
Includes standard, heavy stain, and descaling modes, offering flexible solutions to meet diverse needs



### HACCP 國際認證

清洗程序符合HACCP食品安全標準，確保餐具衛生，讓客人享受安全無憂的用餐體驗

### HACCP Certification

The cleaning procedures comply with HACCP Food Safety Program, ensuring clean tableware and providing customers with extraordinary dining experience



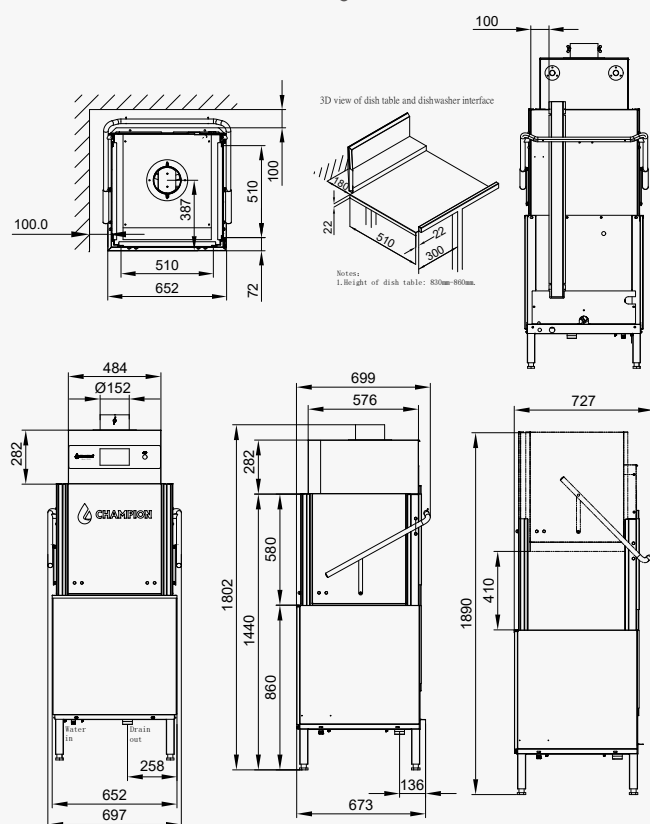
### 環保清潔劑

搭配原廠並獲中國環境標註產品認證清潔劑

### Eco-friendly Cleaning Detergents

Compatible with China Environmental Labelling Certified genuine cleaning detergents

## 透視圖 Perspective



## 運作圖 Operation Diagram



標準式運作圖  
Standard Type Operation

牆角式運作圖  
Corner Type Operation

## 技術規格 Technical Data

洗滌時間 Cycle Time	1 Min
最大洗滌量 Maximum Capacity	60 Racks / Hour
用水量 Water Consumption	1-1.2 L / Rack
主洗水缸 Wash Tank	24 L
主洗缸發熱線 Tank Heat	3 kW
熱水爐 Booster	5 kW
主洗泵 Wash Pump	0.75 kW (CleanMag™ Smart Motor permanent)
總功率 Total Loading	9 kW (13.7 Amp)
尺寸 Loading Size	697 (W) x 699 (D) x 1802 (H) mm
開門高度 Opening Height	1890 mm
檯面高度 Countertop Height	860 mm
最高洗滌高度 Loading Height	410 mm
重量 Weight	132 Kg

## 安裝和連接要求 Installation and Connection Requirements

供水管 Supply Hose	3/4"
水壓 Water Pressure	15 - 20 psi
排水管 Drain Hose	OD 40 mm
供電 Power Supply	380 V / 50 Hz / 3 / N / PE / 15 A (防水隔離開關 Weatherproof Isolator)
電源線 Power Cord	3-5 mm <sup>2</sup>

## 選項和配件 Options and Accessories

洗碗碟機專用篩 Dishwasher Rack	500 x 500 mm
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## 售後服務才是我們的開始

After-Sales Service is Where Our Business Begins



預防性檢查

Preventive  
Inspections



衛生諮詢及培訓

Hygiene Consultation  
and Training



原廠保養

Genuine Warranty  
Service



流動工程車隊

Engineering  
motorcade



全面零件供應

Sufficient Spare  
Parts Supply



# CHAMPION<sup>®</sup>

We Make · We Care 我創造 · 我重視



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