

隆偉股份有限公司 Lung Wei Packing Co., Ltd.





# 隆 偉 股 份 有 限 公 司 LUNG WEI PACKING CO., LTD.

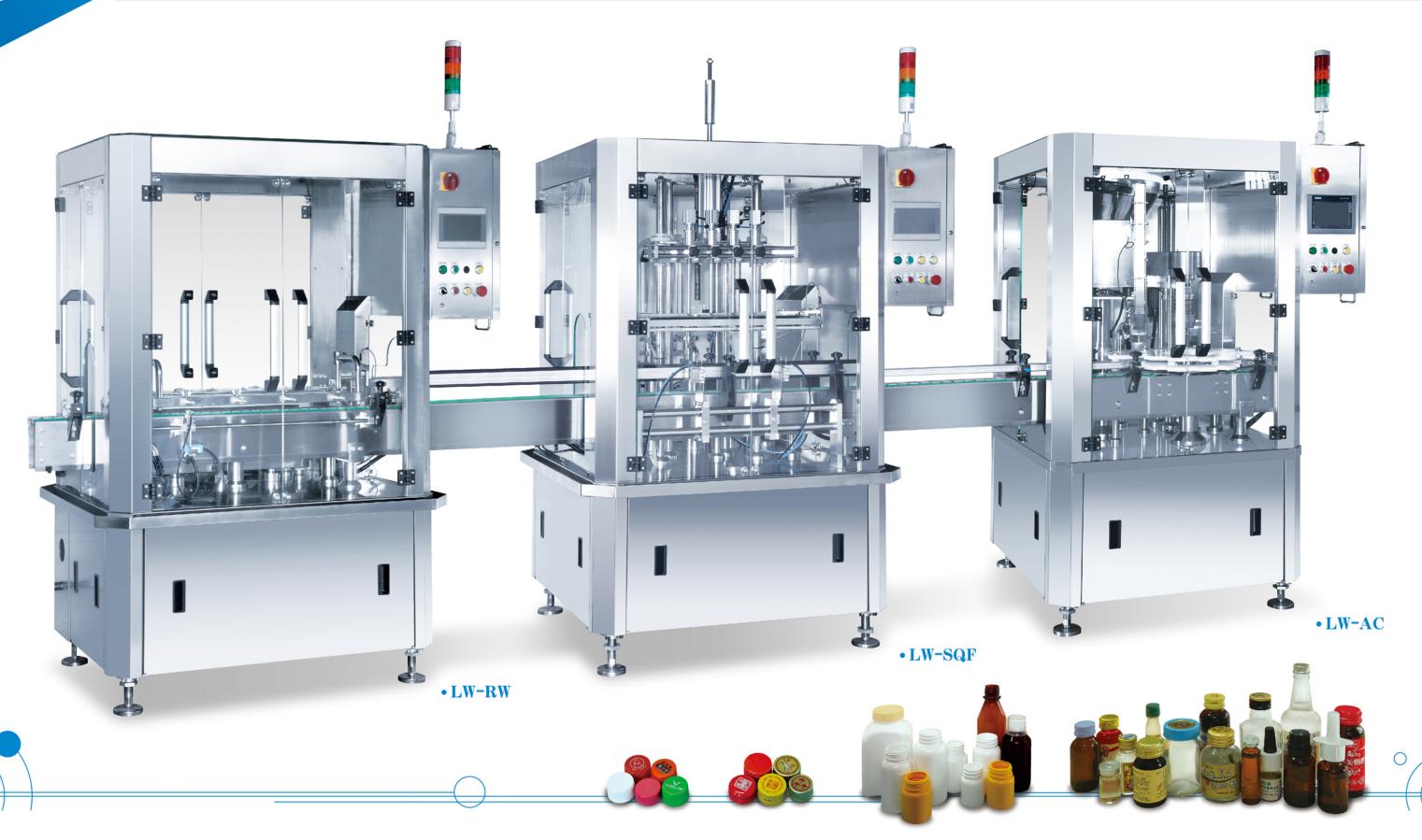
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# 自動充填鎖蓋設備

PROFESSIONAL AUTOMATIC PACKAGING MACHINERY







# 自動直線翻轉洗瓶機 Automatic Reverse Bottle Washing Machine

# 自動伺服定量充填機

# **Automatic Servo Quantitatively Filling Machine**

- Suitable for Bottle: Glass or plastic bottle.
- 本機採用直線翻轉設計,換瓶時調整容易。
- 可設定清洗時間,亦可搭配不同清潔液體,例如熱水、RO水
- 採用PLC控制,搭配觸控式螢幕,全機操控簡易。
- 附三色警示燈。電控異常或氣壓系統異常可以清楚警示。
- 外殼及產品接觸之零組件接為不鏽鋼製品,外表美觀,容易
- 控制電源採用低電壓DC24V減少漏電之危險性。
- Bottle washing design of straight line reverse.
- The machine setting of cleaning time, and collocate with different cleaning liquid, like hot water and RO water etc.
- Equipped with PLC control combined with touch-sensing screen for maximum operation convenience.
- Equipped with a three-color warning light. It gives a clear warning in case of malfunction on electric control or pneumatic
- The machine case and the parts contacting with the materials are made of stainless steel which ensures the good external look and easy washing.
- In case of no caps or lack of bottle or bottle stuck, the machine stops automatically.
- Control power use low voltage DC24V, reduce the risk of leakage.

**MECHANICAL SPECIFICATIONS** 



■機械規格

#### 翻轉洗瓶機構

Reverse washing mechanism

Model	LW-RW
Production Rate	20~40 BPM
Consumed Power	1.5 KW
Dimensions (LXWXH)	1700 × 1000 × 1900 (mm)
Power Source	3 PH / 220 V / 60 HZ

<sup>\*</sup>電壓部份可以客戶需求更改 According to customer demand for change.





# ■控制系統

CONTROL SYSTEM

НМІ	Weintek
PLC	Mitsubishi
Inverter	Delta

Features I

- 適用產品:較濃稠無顆粒以及較不易起泡之產品。 Suitable for Product: Thick particle-free and less prone to blistering for the liquid.
- 適用瓶罐:玻璃瓶或塑膠瓶。
- Suitable for Bottle: Glass or plastic bottle



- 採用伺服馬達控制,使充填量較為精準且易調整。
- 採用PLC控制,搭配觸控式螢幕,全機操控簡易
- 附三色警示燈。電控異常或氣壓系統異常可以清楚警示。
- 外殼及產品接觸之零組件接為不鏽鋼製品,外表美觀,容易
- 控制電源採用低電壓DC24V減少漏電之危險性。
- Quantitatively Filling design of straight line reverse, that easy to adjusted for change bottle.
- Using servo motor control Filling, which filling high accuracy and easy to adjusted.
- Equipped with PLC control combined with touch-sensing screen for maximum operation convenience.
- Equipped with a three-color warning light. It gives a clear warning in case of malfunction on electric control or
- The machine case and the parts contacting with the materials are made of stainless steel which ensures the good external look and easy washing.
- Control power use low voltage DC24V, reduce the risk of leakage.







#### ■機械規格

#### **MECHANICAL SPECIFICATIONS**

Model	LW-SQF
Production Rate	20~40 BPM
Consumed Power	1.5 KW
Dimensions (LXWXH)	1650 × 1120 × 1900 (mm)
Power Source	3 PH / 220 V / 60 HZ

<sup>\*</sup>電壓部份可以客戶需求更改 According to customer demand for change.

■控制系統 CONTROL SYSTEM

НМІ	Weintek
PLC	Mitsubishi
Inverter	Delta

<sup>\*</sup>機台尺寸不含三色警示燈 Machine dimensions without three-color warning lights.

<sup>\*</sup>機台尺寸不含三色警示燈 Machine dimensions without three-color warning lights.



# 自動封蓋機

# **Automatic Capping Machine**

# LW -4S-SCS

# 自動迴轉式伺服封蓋機

**Automatic Rotary Servo Capping Machine** 

#### 特性| | Features

- 適用瓶蓋: 鋁蓋或塑膠蓋。
- Suitable for Cap: Aluminum or plastic cap.
- 適用瓶罐:玻璃瓶或塑膠瓶
- Suitable for Bottle: Glass or plastic bottle.
- 本機採用間歇式星型輪定位旋蓋,旋蓋準確。
- 瓶蓋整列採用震動整列機,可自動落蓋。
- 採用PLC控制,搭配觸控式螢幕,全機操控簡易。
- 附三色警示燈。電控異常或氣壓系統異常可以清楚警示。
- 本機配有無蓋、缺瓶及卡瓶等異常自動停機功能。
- 控制電源採用低電壓DC24V減少漏電之危險性。
- Capping operation is performed by intermittent star-shape wheel for high accuracy.
- Caps are orientated by vibration machine, providing automatic cap unloading.
- Equipped with PLC control combined with touch-sensing screen for maximum operation convenience.
- Equipped with a three-color warning light. It gives a clear warning in case of malfunction on electric control or pneumatic system.
- The machine case and the parts contacting with the materials are made of stainless steel which ensures the good external look and easy washing.
- In case of no caps or lack of bottle or bottle stuck, the machine stops automatically.
- Control power use low voltage DC24V, reduce the risk of leakage.



封蓋機構

Capping mechanism



■控制系統

HMI

PLC

Inverter

CONTROL SYSTEM

Weintek

Mitsubishi

Delta

#### ■機械規格

#### MECHANICAL SPECIFICATIONS

Model	LW-AA(C)	LW-2ES
Production Rate	20~40 BPM	60~70 BPM
Consumed Power	1.5 KW	2 KW
Dimensions (LXWXH)	1450 × 1120 × 1900 (mm)	1800 × 1400 × 2000 (mm)
Power Source	3 PH / 220 V / 60 HZ	3 PH / 220 V / 60 HZ

<sup>\*</sup>電壓部份可依客戶需求更改 According to customer demand for change.

# Features |

- 適用瓶蓋:塑膠蓋。
- Suitable for Cap: Plastic cap.
- 滴用瓶罐:玻璃瓶或塑膠瓶
- Suitable for Bottle: Glass or plastic bottle.



- 採用伺服馬達控制封蓋扭力。
- 瓶蓋整列採用震動整列機,可自動落蓋
- 採用PLC控制,搭配觸控式螢幕,全機操控簡易。
- 附三色警示燈。電控異常或氣壓系統異常可以清楚 警示。
- 外殼及產品接觸之零組件接為不鏽鋼製品,外表美觀,容易清洗。
- 本機配有無蓋、缺瓶及卡瓶等異常自動停機功能。
- 控制電源採用低電壓DC24V減少漏電之危險性。
- The machine employs rotary of capping.
- Using servo motor control capping head torque.
- Caps are orientated by vibration machine, providing automatic cap unloading.
- Equipped with PLC control combined with touch-sensing screen for maximum operation convenience.
- Equipped with a three-color warning light. It gives a clear warning in case of malfunction on electric control or pneumatic system.
- The machine case and the parts contacting with the materials are made of stainless steel which ensures the good external look and easy washing.
- In case of no caps or lack of bottle or bottle stuck, the machine stops automatically.
- Control power use low voltage DC24V, reduce the risk of leakage.



■機械規格

封蓋機構

**MECHANICAL SPECIFICATIONS** 

Capping mechanism

Model	LW-4S-SCS	LW-8S-SCS
Production Rate	100 BPM	200 BPM
Consumed Power	6 KW	9 KW
Dimensions (LXWXH)	2500 × 1250 × 2300 (mm)	2700 × 1400 × 2300 (mm)
Power Source	3 PH / 220 V / 60 HZ	3 PH / 220 V / 60 HZ

\*電壓部份可依客戶需求更改 According to customer demand for change.

\*機台尺寸不含三色警示燈及外接設備尺寸 Machine dimensions without three-color warning lights and external devices dimensions.

■ 控制系統 CONTROL SYSTEM

НМІ	Weintek
PLC	Mitsubishi
Inverter	Delta

自動機型 **■ Automatic Models** 

<sup>\*</sup>機台尺寸不含三色警示燈 Machine dimensions without three-color warning lights.



# 自動定量充填壓蓋封蓋機 Automatic Quantitatively Filling, Plugging & Capping Machine

# -12QF4S

# 自動迴轉式定量充填封蓋機

**Automatic Rotary Quantitatively Filling &** Capping Machine

- 適用瓶塞:塑膠内塞。
- Suitable for Plug: Plastic plug.
- Suitable for Cap: Plastic cap or aluminum cap.
- 適用瓶罐:玻璃瓶或塑膠瓶
- Suitable for Bottle: Glass or plastic bottle.



# **Features**

- 本機採用間歇式星型輪定位充填、壓蓋及封蓋。
- 可調整充填容量。
- 取蓋機構採伺服馬達控制。
- 瓶蓋整列採用震動整列機,可自動落蓋。
- 採用PLC控制,搭配觸控式螢幕,電控異常或氣壓系統異常可以 清楚警示,全機操控簡易。
- 附三色警示燈。電控異常或氣壓系統異常可以清楚警示。
- 外殼及產品接觸之零組件接為不鏽鋼製品,外表美觀,容易清
- 配有無内塞不封蓋功能。
- 本機配有無内塞、缺瓶及卡瓶異常自動停機功能。
- 控制電源採用低電壓DC24V減少漏電之危險性。
- Filling, plugging and capping operation is performed by intermittent star-shape wheel for high accuracy.
- Filling volume adjustable.
- Using servo motor control take caps mechanism.
- Caps are orientated by vibration machine, providing automatic
- Equipped with PLC control combined with touch-sensing screen for maximum operation convenience.
- Equipped with a three-color warning light. It gives a clear warning in case of malfunction on electric control or pneumatic system.
- The machine case and the parts contacting with the materials are made of stainless steel which ensures the good external look and easy washing.
- No plug no capping function.
- In case of lack of bottle and plug or bottle stuck, the machine stops automatically.
- Control power use low voltage DC24V, reduce the risk of leakage.





ing & capping mechanism

■控制系統

HMI

PLC

Inverter

CONTROL SYSTEM

Weintek

Mitsubishi

Delta

#### ■機械規格

#### MECHANICAL SPECIFICATIONS

Model	LW-4QF2MS2S
Production Rate	60~70 BPM
Consumed Power	4.5 KW
Dimensions (LXWXH)	1710 × 1370 × 2000 (mm)
Power Source	3 PH / 220 V / 60 HZ

<sup>\*</sup>電壓部份可依客戶需求更改 According to customer demand for change

#### Suitable for Product: Thick particle-free and less prone to blistering for the liquid.

■ 適用產品:較濃稠無顆粒以及較不易起泡之產品

- 適用瓶蓋: 鋁蓋或塑膠蓋
- Suitable for Cap: Aluminum or plastic cap.
- 適用瓶罐:玻璃瓶或塑膠瓶。
- Suitable for Bottle: Glass or plastic bottle



#### ■ 本機採用迴轉式定量充填及封蓋。

**Features** 

- ■可調整充填容量。
- 採用PLC控制,搭配觸控式螢幕,全機操控簡易
- 附三色警示燈。電控異常或氣壓系統異常可以清楚 警示。
- 外殼及產品接觸之零組件接為不鏽鋼製品,外表美 觀,容易清洗。
- 無瓶不充填功能。
- 本機配有無蓋、缺瓶及卡瓶等異常自動停機功能。
- 控制電源採用低電壓DC24V減少漏電之危險性。
- The machine employs rotary of quantitatively filling and capping.
- Filling volume adjustable.
- Equipped with PLC control combined with touchsensing screen for maximum operation convenience.
- Equipped with a three-color warning light. It gives a clear warning in case of malfunction on electric control or pneumatic system.
- The machine case and the parts contacting with the materials are made of stainless steel which ensures the good external look and easy washing.
- No bottle no filling function.
- In case of no caps or lack of bottle or bottle stuck, the machine stops automatically.
- Control power use low voltage DC24V, reduce the risk of leakage.





lling & capping mechanism

#### ■機械規格 **MECHANICAL SPECIFICATIONS**

Model	LW-12QF4S
Production Rate	80~120 BPM
Consumed Power	5 KW
Dimensions (LXWXH)	2550 × 1800 × 2600 (mm)
Power Source	3 PH / 220 V / 60 HZ

#### ■控制系統 CONTROL SYSTEM

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НМІ	Weintek
PLC	Mitsubishi
Inverter	Delta

<sup>\*</sup>機台尺寸不含整列機及補料機 Machine dimensions without vibrator and powder feeding machine.

<sup>\*</sup>電壓部份可依客戶需求更改 According to customer demand for change.

<sup>\*</sup>機台尺寸不含三色警示燈及外接設備尺寸 Machine dimensions without three-color warning lights and external devices dimensions.

# 自動迴轉式充填封蓋機

# Automatic Rotary Filling & Capping Machine

■ 適用產品:水、酒類等流性佳且無顆粒之產品。

Suitable for Product: Water, wine and other good flow properties and particle-free products.

■ 適用瓶蓋: 鋁蓋或塑膠蓋。(不可共用)

Suitable for Cap: Aluminum or plastic cap. (Can't be shared.)

■ 適用瓶罐:玻璃瓶或塑膠瓶。(不可共用)

■ Suitable for Bottle: Glass or plastic bottle. (Can't be shared.)



■ 本機採用迴轉式充填及封蓋方式。

Features I

- 本機採定位式充填,依容量需求充填到標準液位。
- 採用PLC控制, 搭配觸控式螢幕, 全機操控簡易。
- 附三色警示燈。電控異常或氣壓系統異常可以清楚 警示。
- 外殼及產品接觸之零組件接為不鏽鋼製品,外表美
- 本機配有無蓋、缺瓶及卡瓶等異常自動停機功能。
- 控制電源採用低電壓DC24V減少漏電之危險性。
- The machine employs rotary of filling and capping.
- Positioning filling reaches to standard level according to required capacity.
- Equipped with PLC control combined with touch-sensing screen for maximum operation
- Equipped with a three-color warning light. It gives a clear warning in case of malfunction on electric control or pneumatic system.
- The machine case and the parts contacting with the materials are made of stainless steel which ensures the good external look and easy washing.
- In case of no caps or lack of bottle or bottle stuck, the machine stops automatically.
- Control power use low voltage DC24V, reduce the risk of leakage.





■控制系統 CONTROL SYSTEM

НМІ	Weintek
PLC	Mitsubishi
Inverter	Delta

#### ■機械規格

#### **MECHANICAL SPECIFICATIONS**

Model	LW-1004
Production Rate	50 BPM
Consumed Power	5 KW
Dimensions (LXWXH)	2300 × 1450 × 2300 (mm)
Power Source	3 PH / 220 V / 60 HZ

<sup>\*</sup>電壓部份可依客戶需求更改 According to customer demand for change.



# 自動粉末充填壓蓋機

## Automatic Powder Filling & Plugging Machine

# **Features**

- Suitable for Bottle: Glass or plastic bottle.



- 本機採用間歇式星型輪定位充填及壓蓋。
- 充填採伺服馬達控制,充填精準度高。
- 瓶蓋整列採用震動整列機,可自動落蓋。
- 採用PLC控制,搭配觸控式螢幕,電控異常或氣壓系統異常 可以清楚警示,全機操控簡易
- 附三色警示燈。電控異常或氣壓系統異常可以清楚警示。
- 外殼及產品接觸之零組件接為不鏽鋼製品,外表美觀,容易
- 配有無瓶不充填功能。
- 本機配有無内塞、缺瓶及卡瓶異常自動停機功能。
- 控制電源採用低電壓DC24V減少漏電之危險性。
- Filling and capping operation is performed by intermittent star-shape wheel for high accuracy.
- Using servo motor control Filling, which filling high accuracy Caps are orientated by vibration machine, providing automatic cap unloading.
- Equipped with PLC control combined with touch-sensing screen for maximum operation convenience.
- Equipped with a three-color warning light. It gives a clear warning in case of malfunction on electric control or pneumatic system.
- The machine case and the parts contacting with the materials are made of stainless steel which ensures the good external look and easy washing.
- No bottle no filling function.
- In case of lack of bottle and plug or bottle stuck, the machine stops automatically.
- Control power use low voltage DC24V, reduce the risk of





Filling & Plugging mechanism

#### ■機械規格 MECHANICAL SPECIFICATIONS

Model	LW-2PF2MS	
Production Rate	60 BPM	
Consumed Power	2 KW	
Dimensions (LXWXH)	1650 × 1000 × 1950 (mm)	
Power Source	3 PH / 220 V / 60 HZ	

\*電壓部份可依客戶需求更改 According to customer demand for change.

#### ■控制系統 CONTROL SYSTEM

нмі	Weintek
PLC	Mitsubishi
Inverter	Delta

自動機型 **■** Automatic Models

Automatic Models ▮自動機型

<sup>\*</sup>機台尺寸不含整列機及補料機 Machine dimensions without vibrator and powder feeding machine.

<sup>\*</sup>機台尺寸不含整列機及補料機 Machine dimensions without vibrator and powder feeding machine.

# 手動洗瓶機

Manual Bottle Washing Machine

# 半自動洗瓶機

Semi-Auto Bottle Washing Machine

# LW -AHS & C3(P)

# 手動氣動封蓋機

Manual Pneumatic Capping Machine

# 半自動封蓋機 Semi-Auto Capping Machine

## 

Manual Bottle Washing Machine

#### 特性| Features|

- 特性 適用瓶型:各種瓶罐(玻璃瓶)。
  - Suitable for Bottle: Suitable for kinds of bottles (Glass bottle).
- 本機為簡易式洗瓶機
- 本機可自由設定清洗時間
- 外觀採不鏽鋼製(SUS304),清洗容易。
- A simplified bottle washing machine •
- Can set bottle washing time.
- Appearance made by stainless steel, clearance easily.



#### 半自動洗瓶機 • LW-W36

Semi Auto Bottle Washing Machine

#### 特性| Features

- 適用瓶型:各種瓶罐。
- Suitable for Bottle: Suitable for kinds of bottles.
- 本機為簡易式洗瓶機。
- 本機可調整主機運轉速度。
- 本機採圓盤迴轉式運轉,並利用高壓水柱清洗瓶罐内部。
- 機台外觀採不鏽鋼製(SUS304),清潔容易。
- A simplified bottle washing machine •
- The machine can adjust the running speed.
- Rotary operation. Employ high pressure water flushing for washing interior of bottle.
- Appearance made by stainless steel, clearance easily.

■控制系統

Model

Inverter

CONTROL SYSTEM

LW-W36

Delta

#### ■機械規格

#### MECHANICAL SPECIFICATIONS

Model	LW-W16	LW-W36
Capacity	16~32 BPM	20~50 BPM
Consumed Power		0.4 KW
Dimensions (LXWXH)	720×600×320 (mm)	1030 × 1030 × 1307 (mm)
Power Source	1 PH / 110 V or 220 V	3 PH / 220 V / 60 HZ

- \*產能依客戶清洗時間而定 Production capacity according to customer cleaning time.
- \*洗瓶機不包含入水泵浦 The bottle washing machine does not contain the water pump.
- \*LW-W36: 電壓部份可依客戶需求更改 According to customer demand for change.

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- 本機為簡易式塑蓋封蓋機。
- 封蓋模頭更換容易。
- A simplified plastic capping machine.
- Capping chuck replace is easy.



# 半自動封蓋機 • LW-C3(P) Semi Auto Capping Machine

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# 特性

- 週用盍型:鋁蓋(型膠蓋)
- Suitable for Cap: Aluminum cap (Plastic cap).
- 適用瓶型:玻璃瓶(塑膠瓶)
- Suitable for Bottle: Glass bottle (Plastic bottle).
- 本機為簡易式鋁(塑)蓋封蓋機。
- 封蓋頭更換容易。
- 可調整瓶座高度。

Features

- 機座採用鑄鐵製造外觀烤漆,使用壽命長。
- A simplified capping machine suitable for aluminum and plastic caps.
- Capping head replace is easy.
- Bottle seating Height adjustable.
- The machine frame is manufactured from cast iron for long service life.



• LW-CP

• LW-C3

#### ■機械規格

#### MECHANICAL SPECIFICATIONS

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Model	LW-AHS	LW-C3(P)	
Capacity	10 BPM	10~15 BPM	
Dimensions (LXWXH)	250 × 350 × 735 (mm)	300×600×1000 (mm)	
Power Source		1 PH / 110 V or 220 V	

<sup>\*</sup>LW-AHS: 客戶需提供空壓機 Customers need to provide air compressor equipment.

-D3(P) & M4F

# 半自動封蓋機

Semi-Auto **Capping Machine** 

# 手動充填機

Manual Filling Machine

# -M2QF & M2QFM

# 半自動定量充填機

Semi-Auto Quantitatively Filling Machine

#### 半自動封蓋機 • LW-D3(P) Semi-Auto Capping Machine

- 適用蓋型: 鋁蓋或塑膠蓋。
- Suitable for Cap: Aluminum or plastic cap.
- 本機為簡易式半自動鋁蓋/塑蓋封蓋機。
- 封蓋頭更換容易。
- 封蓋機構可調整高度
- 外觀採用不鏽鋼製作,清潔保養容易。
- 簡易式操作介面,操作容易。
- A simplified semi auto aluminum/plastic capping machine •
- Capping head replace is easy.
- Capping mechanism height adjustable.
- Appearance all made by stainless steel, clearance and maintain easily.
- Directly operational surface, operate easily.



## 手動充填機 ·LW-M4F

Manual Filling Machine

- 適用產品:水、酒類等流性佳旦無顆粒之產品
- Suitable for Product: Water, wine and other good flow properties and particle-free products.
- 適用瓶型:各種異型瓶(玻璃瓶)。
- Suitable for Bottle: Suit of each type of bottle (Glass bottle).
- 本機為簡易式充填機。
- 機台外觀採不鏽鋼製(SUS304),清洗容易。
- A simplified manual filling machine.
- Appearance all made by stainless steel, clearance and maintain easily.



#### ■機械規格

#### **MECHANICAL SPECIFICATIONS**

	Model	LW-D3(P)	LW-M4F
	Capacity	10~15 BPM	10~15 BPM
	Dimensions (LXWXH)	460×610×1700 (mm)	600 × 350 × 800 (mm)
	Power Source	1 PH / 110 V or 220 V	

<sup>\*</sup>LW-M4F: 本機不含補料系統 The machine doesn't contain feeding system.

## 半自動定量充填機 • LW-M2QF

Semi Auto Quantitatively Filling Machine

- 適用產品:較濃稠無顆粒以及較不易起泡之液體。
- Suitable for Product: Thick particle-free and less prone to blistering for the liquid.
- 適用瓶型:各種異型瓶。
- Suitable for Bottle: Suit of each type of bottle.
- 採用氣缸式定量充填。

**Features** 

- 可調整高度,適用各種瓶型
- 外觀採用不鏽鋼製,清洗容易
- 簡易式操作介面,操作容易
- Using air cylinder-type quantitative filling.
- Height adjustable, suitable for kinds of bottles.
- Appearance all made by stainless steel, clearance and maintain easily.
- Directly operational surface, operate easily.

#### 半自動定量充填機 • LW-M2QFM Semi Auto Quantitatively Filling Machine

- 適用產品:濃稠無顆粒以及較不易起泡之產品。
- Suitable for Product: Thick particle-free and less prone to blistering for the liquid.
- 適用瓶型:各種異型瓶。
- Suitable for Bottle: Suit of each type of bottle.
- 採用機械式定量充填

Features I

- 可調整高度,適用各種瓶型
- 外觀採用不鏽鋼製,清洗容易
- 簡易式操作介面,操作容易。
- Using mechanical-type quantitative filling.
- Height adjustable, suitable for kinds of bottles.
- Appearance all made by stainless steel, clearance and maintain easily.
- Directly operational surface, operate easily.

#### ■機械規格

#### **MECHANICAL SPECIFICATIONS**

Model	LW-M2QF	LW-M2QFM	
Capacity	8~12 BPM	8~12 BPM	
Dimensions (LXWXH)	1000×630×1700 (mm)	850 × 850 × 1400 (mm)	
Power Source	1 PH / 110 V or 220 V	1 PH / 110 V	

<sup>\*</sup>LW-M2QF: 客戶需提供空壓機 Customers need to provide air compressor equipment

