



## FL-041W 自動 4 頭 秤重式 充填機

### Automatic 4 Nozzles Liquid Filling Machine (Weighing type)

#### 適用範圍

- 適用於各行業之具流動性的液體。
- 適合要求充填大容量的產品，並可設定連續充填以達到充填更大容量需求，大瓶小瓶一機搞定。
- 適用食品業、化工業、農藥...等。

#### 特色介紹

- 採用電子式 304 不鏽鋼秤台，可依不同充填容量 & 充填精度需求，客製化合適的荷重元。
- 扣重系統：可預先扣除瓶子重量，再秤實際液體重量，充填容量更精準。
- 充填系統採用「伺服馬達」，充填嘴伸入瓶內，液體高速充填時，不會噴濺至瓶外並降低液體起泡程度。
- 液體接觸面使用 316L 不鏽鋼、食品級矽膠軟管 / 鋼絲軟管、鐵氟龍，衛生等級高。
- 日本三菱 PLC，搭配日本富士 7 吋彩色人機觸控螢幕，直覺式操作最方便。
- 使用者友善介面：快拆模組與多種免工具調整設計，換線快速。
- 內建 50 組記憶模組，適合生產多種產品，不需重覆設定。

#### 機台規格

機台尺寸	2500(長) x 1380(寬) x 2232(高) mm
動力需求	電壓 220V，頻率 50/60Hz，三相，視在功率 1.18KVA
需求空壓	5kg/cm <sup>2</sup> 以上 (請自備空壓來源)
機台產能	約 8 瓶 / 每分鐘 (以 4000ml 容量為例)
充填範圍	1500 ~ 4000 ml (可依客戶需求客製)
充填液位精度	± 4 g (以充填 4000 g 清水為例)
選配項目	(1) 補料泵浦 (2) 機台安全外罩 (3) 自動進瓶 / 收瓶轉盤

#### Field of Application

- Apply to various flowable liquids.
- For products which need high filling volume. Continuous filling to reach larger volume for different volume of products.
- Suitable for Food / Chemical industries, Pesticide...etc.

#### Features

- Electrical weighing system: SUS304 stainless electronic weigher. For different filling volume or filling accuracy are customizable with suitable load cells
- Tare weight system: Container weight is deducted in advance, so the filling volume is more accurate.
- Servomotor for filling system: Filling nozzles enter into bottles to prevent spraying out of bottle while filling and reduce foaming degree.
- Liquid contact parts made of 316L stainless steel, food grade silicone tube / wire hose, Teflon, meet high sanitary demands.
- Japan Mitsubishi PLC and 7" color touch screen (HMI). Filling volume and filling time can be set from the screen conveniently.
- User-friendly interface: Quick changeover design helps most adjustments can be finished without using tools.
- 50 sets of memory storage: Perfect for various products without repeated setting.

#### Specifications

Machine Dimension	2500(L) x 1380(W) x 2232(H) mm
Power Requirement	220V, 50/60Hz, 3 Phases, 1.18KVA
Pneumatic Requirement	5kg/cm <sup>2</sup> (prepare by buyer)
Production Capacity	About 8 PCS / per minute (based on 4000ml)
Filling Range	1500 ~ 4000 ml (Customizable)
Liquid-level Precision	± 4 g (based on filling 4000 g water)
Optional Item	(1) Liquid feeding pump (2) Machine safety cover (3) Feeding / Collection turntable