

貼標 Labeling  
 充填 Filling  
 鎖蓋 Capping  
 洗瓶 Rinsing  
 分張 Friction Feeder  
 光學檢測 Optical Inspection  
 氣浴封口 Aluminum Foil Sealing  
 測漏 Leak Testing  
 面膜整平 Planishing  
 印字設備 Printing  
 快速連動護欄系統 Interlocking Guide Rail  
 整廠輸出 Turnkey Solution



自動升降充填機構  
 Automatic lifting filling system

省力調整手輪 (充填管高度)  
 & 位置顯示器  
 Convenient adjusting device  
 (for filling nozzle height)  
 & Position indicator

升降控制氣缸  
 Lifting is controlled  
 by air cylinder

迴流式充填管  
 (#316 不鏽鋼)  
 Overflow filling nozzle  
 (#316 stainless steel)



機台安全外罩  
 Machine safety cover

## FL-081F 自動 8 頭迴流式充填機 (液位等高)

### Automatic 8 Nozzles Overflow Filling Machine (Equal liquid-level)

#### 適用範圍

- 適用於各行業之高流動性似水狀及無腐蝕性液體。
- 適合要求充填液位需等高的產品，尤其適合玻璃瓶包裝。
- 可設定增加充填時間以達到大容量範圍，大瓶小瓶一機搞定。

#### 特色介紹

- 迴流式充填：充填管自動降下完整覆蓋瓶口，待充填至設定之液位高度，多餘液體被回吸至暫存料桶，之後充填管便自動升起 (標準配備附一組 100 公升暫存料桶)。
- 充填機構採用氣缸控制升降速度與高度，若為不易起泡液體，更可設定高速充填增加產能，充填時不會噴濺至瓶外。
- 液體接觸面使用「#316 不鏽鋼」；主要結構採用 #304 不鏽鋼與鋁合金，衛生等級高，符合食品及醫藥業生產規範。
- 日本三菱 PLC，搭配台達 7 吋彩色人機觸控螢幕，可直接輸入所需充填時間，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，不需重覆輸入設定。

#### 機台規格

機台尺寸	3000(長) x 1080(寬) x 2700(高) mm (不含暫存料桶)
動力需求	電壓 220V，頻率 50/60Hz，三相，視在功率 1.2KVA
需求空壓	5kg/cm <sup>2</sup> 以上 (請自備空壓來源)
機台產能	約 24~32 瓶 / 每分鐘
充填範圍	300 ~ 2000 ml (超出範圍可客製)
充填液位精度	± 2 mm (液位高度)
選配項目	(1) 補料泵浦 (2) 機台安全外罩

#### Field of Application

- Apply to various water-like and non-corrosive liquids.
- For products which need equal liquid-level, especially suitable for glass bottles.
- Extend filling time to reach larger volume for different volume of products.

#### Features

- Overflow filling: Filling nozzles go down to cover bottle mouth, then liquid is filled to the required liquid-level. Extra liquid which is over liquid-level will be sucked back to liquid tank, and afterwards filling nozzles go up automatically (100L liquid tank is included as a standard item).
- Servomotor controls lifting of speed and distance for filling system. If liquids are low-foaming, higher filling speed is applicable to reach more production without spraying out of bottles while filling.
- Liquid contact parts made of #316 stainless steel, main structure is made of #304 stainless steel and aluminum alloy meet high sanitary demands for food and pharmaceutical industries.
- 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 are perfect for various products without repeated setting.

#### Specifications

Machine Dimension	3000(L) x 1080(W) x 2700(H) mm (Not including liquid tank)
Power Requirement	220V, 50/60Hz, 3 Phase, 1.2KVA
Pneumatic Requirement	5kg/cm <sup>2</sup> at least (prepared by buyer)
Production Capacity	About 24 ~ 32 PCS / per minute
Filling Range	300 ~ 2000 ml (Customized filling range is available)
Liquid-level Precision	± 2 mm (liquid-level height)
Optional Item	(1) Liquid feeding pump (2) Machine safety cover