



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「316L 不鏽鋼、食品級矽膠軟管 / 鋼絲軟管、鐵氟龍」；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，搭配日本富士 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，不需重複輸入設定。

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 ² 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 316L stainless steel, food grade silicone tube / wire hose, Teflon 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: 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 ² 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