



高精度檢測攝像頭  
 High-precision camera of optical inspection



預先剔除標籤滾輪  
 Pre-rejection roller for defective label



星盤式分瓶裝置  
 Indexing bottle separation device

15 吋彩色觸控螢幕 & 光學檢測控制系統 (日本品牌)  
 15" Color touch screen & Optical inspection system (Japanese brand)



10.4 吋彩色觸控人機 (含警示燈)  
 10.4" Color touch screen - HMI (Warning light included)



連動式扶瓶機構  
 Interlocking bottle clamp

## LA-260H 專利高速圓瓶貼標機 (光學檢測系統 / 不良標預先剔除)

High-speed Round Bottle Labeling Machine (Optical inspection system / Pre-rejection of defective label)

### 適用範圍

- 圓瓶之單張全繞、半繞之貼標。
- 適用多種標籤尺寸，亦適用透明標籤。
- 適用各式瓶罐材質：塑膠瓶、玻璃瓶、金屬瓶。
- 適合產量大的生產需求，可連線生產或單機使用。

### 特色介紹

- 主控制系統：日本三菱 PLC，搭配台達 10.4 吋彩色人機觸控螢幕，操作簡易。
- 光學檢測控制系統：15 吋日本品牌彩色觸控螢幕，直覺化輸入設定值，並易於目視條碼或標籤印字資訊。
- 獨特的「星盤式分瓶」及「連動式扶瓶」裝置，使每一瓶間距相等，提高貼標與光學檢測之精準度。
- 智能「不良標預先剔除」裝置，偵測到條碼或印字不良標籤，自動以伺服滑台預先移載到一旁的特製滾輪上，避免不良標被貼到瓶子上，不必手動將不良標從瓶子上移除，節省重工撕除時間。
- 光學檢測之軟硬體皆採用日本知名品牌，極高的穩定性與準確的辨識率，在日本醫藥業擁有高達 8 成的市佔率。
- 高速不間斷連續貼標，大幅提升產能，最適合連接生產線。

### 機台規格

機台尺寸	2150(長) x 1350(寬) x 1950(高) mm
動力需求	電壓 220V，頻率 50/60Hz，單相，視在功率 1.8KVA
需求空壓	4kg/cm <sup>2</sup> 以上 (請自備空壓來源)
適用標籤高度	(A 型)10~100 (B 型)10~150 (C 型)10~200 mm
適用標籤長度	15 ~ 150 mm (瓶身圓周 2/3 長)
機台產能	約 60 ~ 120 瓶 / 每分鐘
貼標精度	± 1.0 mm
選配項目	(1) 熱燙印字機 / 熱轉印機 / 噴印機 (印日期、批號、條碼... 另含可調整支撐座) (2) 自動進瓶 / 收瓶轉盤

### Field of Application

- Full and partial wrap-around labeling for round bottles.
- A wide range of label size and also applicable for transparent labels.
- Apply to various bottle material: Plastic, glass and metal bottles.
- Suitable for large production volume for a packaging production line or separate operation.

### Features

- Main control system: Japan Mitsubishi PLC and 10.4" color touch screen (HMI). Most data can be set from the screen conveniently.
- Optical inspection control system: Check label images and enter setting information easily from 15" color touch screen (Japanese brand).
- Unique "Indexing Bottle Separation" and "Interlocking Bottle Clamp" devices make each bottle with equal gap distance to reach higher labeling and optical inspection precision.
- Intelligent "Pre-rejection" function: Defective labels are removed onto a special roller by servo-sliding device in advance to avoid defective labels being labeled onto bottles. Manual label tearing off time is saved a lot!
- Optical inspection system and software are from famous Japanese brand which has nearly 80% market share in the Japanese pharmaceutical industry for providing excellent recognition accuracy.
- Continuous high speed labeling improves production capacity significantly, especially for automatic production lines.

### Specifications

Machine Dimension	2150(L) x 1350(W) x 1950(H) mm
Power Requirement	220V, 50/60Hz, 1 Phase, 1.8KVA
Pneumatic Requirement	4kg/cm <sup>2</sup> at least (prepared by buyer)
Applicable Label Height	(A) 10~100 (B) 10~150 (C) 10~200 mm
Applicable Label Length	15 ~ 150 mm (2/3 length of bottle circumference)
Production Capacity	About 60 ~ 120 PCS / per minute
Labeling Precision	± 1.0 mm
Optional items	(1) Hot Stamping / Heat Transfer / Inkjet Printer (Date, Batch no., Barcode... Support rack included) (2) Automatic bottle feeding / collection turntable