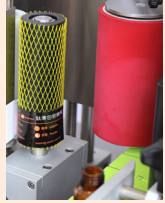




高精度檢測攝像頭  
High-precision camera  
of optical inspection



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，節省重工拆除時間。
- 光學檢測之軟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	10 ~ 300 mm
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	10 ~ 300 mm
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

貼標 Labeling  
充填 Filling  
鎖蓋 Capping  
洗瓶 Rinsing  
分張 Friction Feeder  
光學檢測 Optical Inspection  
鋁箔封口 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