

AL-100 Ampoule Labelling Station



Ampoules in cylindrical form; are used as the primary packaging for vaccines and products that can be injected. Ampules, especially used in the pharmaceutical and cosmetic industries, usually contain liquid or lyophilized systems. The ampoule labelling process is at high speeds due to the small package diameters. The industry's focus on quality production reveals the need for precision and continuous high-speed serial operations.

With the VISIOTT TPS Ampoule Labelling Station, you can carry out your labelling operations at high speed and with high quality for ampule-type packaging, which is frequently used in industries such as pharmaceuticals and cosmetics. With its special design, VISIOTT TPS Ampoule Labelling Station labels up to 400 ampules per minute with high precision in a star wheel format for different-sized ampules.

First of all, the rings characterizing the product content are checked. After the ring control, the label application process begins. After the application, the position of the label is checked with a high-resolution camera while the line is in motion. Ampoules with false labels are automatically and gently removed from the line. Designed with a transparent protective area for the operator and operational safety, the AL-100 applies labelling in accordance with global product labelling regulations. The high-resolution printer on the system can easily print production-expiration date, lot, serial number and all necessary information on the label.

Features

- There is a customizable input and output conveyor.
- It can label up to 400(*) ampules per minute.
- It can manage Ring Control
- Verifies human readable texts with OCR/OCV technology.
- A servo motor-controlled star wheel is available.
- It can work online or offline.
- It has a user-friendly interface with a touch screen.
- GMP, GAMP 5 and 21 CFR Part 11 compliant.

(*) Speed may vary depending on ampule size and printing template.

Technical Details

Print Technology*	TIJ, Lazer, CIJ, TT
Printing Resolution (max)	1600 x 1200 px
Capacity (max)	400 pcs/min
Ring Control	Yes
Voltage/Frequency	110 V / 220 V / 50 - 60 Hz
Dimensions (WxLxH)	2070 x 2020 x 2400 mm
Material	Stainless Steel