

## *VBL-300 Vial Labelling and Serialization Station*



Vials, mostly in cylinder form, are used as primary packaging for serums, vaccines, and injectable products. Especially in the cosmetics and pharmaceutical industries, the labelling and serialization operation of vials with liquid or lyophilized powder is high speed due to the small diameter of the vials. The quality production focus of these industries reveals the necessity for high-speed labelling operations to be precise and continuous.

You can perform your labelling and serialization operations for vial-type bottles, which are often used in industries such as pharmaceuticals and cosmetics, at high-speed and with high quality with VISIOTT TPS Vial Labelling and Serialization Station.

### **Wrap-Around Vial Labelling**

Vials are bottles made of materials such as glass and plastic, which are usually in cylinder form, with a small diameter and height. Labels applied to vials are also small and light. For operations requiring high speed and quality, it is difficult to apply the label to the vials. VISIOTT TPS Vial Labelling and Serialization Station facilitates the serialization process by labelling 300(\*) vials per minute with high precision with its special design and star wheel format for different size vials.

After labelling, the position of the label is controlled by a high-resolution camera while the line is in motion. Vials with faulty labels are automatically removed gently from the line.

The star-design wheel of the Vial Labelling and Serialization Station is the basic design element that ensures fast and precise labelling of vials. The system is produced and presented to the customer with different diameters and height star wheels according to the project requirements. Wheels designed for various sizes of vials can be easily changed without interrupting production.

Thus, you can perform different sizes of vial labelling with a single system. Designed with a transparent protection area for the operator and operational safety, the VBL-300 also complies with global standards

## Features

- It has customizable input and output conveyor
- It can implement serialization and label application up to 300 (\*) vials per minute.
- Verifies human-readable text with OCR / OCV technology.
- It has servo motor controlled star wheel.
- Operates offline.
- User-friendly interface with a touchscreen monitor.
- GMP, GAMP 5, and 21 CFR Part 11 compliant.

(\*) Speed may vary depending on vial size and label template.

## Technical Parameters

Print Technology*	CIJ,TIJ,TT, Laser
Printing Resolution (max)	600 dpi
Verification	Grading and (OCR/OCV)
Camera Resolution	1600 x 1200 px (2 Mpx)
Capacity (max)**	300 pcs/minute
Voltage / Frequency	110 V / 220 V / 50 - 60 Hz
Dimensions (WxLxH)	1880 x 1930 x 2300mm
Material	Stainless Steel