

360° Bottle Serialization Station BPAS-100



In operations where bottles are used as primary packaging, preliminary preparation of the serialization and aggregation operation can be managed with VISIOTT TPS 360° Bottle Serialization Station. The system works on the principle of analyzing 2D code applied to the bottle with a label or another method with 360-degree vision inspection technology. It can also enable the application, control, and association of visible or invisible helper code to the top or bottom surface of the bottle.

360° analysis of the 2D code on the bottle is performed at a speed of 300* products per minute with the help of 4 or 6 cameras. After decoding the helper code applied to the cap or bottom of the bottle during the operation and associating it with the main data matrix, the bottles become suitable for the aggregation operation. Then, the bottles are brought to an aggregation station and the parent-child relationship is established with the help of codes on the bottle cap or bottom surface. SSCC label application to the container (bundle, case, etc.) in which the bottles are located can be performed manually or automatically.

Please contact us for more detailed information about the system that is designed especially for the bottle serialization and aggregation requirements in the pharmaceutical, food, agrochemicals and cosmetics industries.

Features

- It has 360° control and 2D code analysis with multiple cameras.
- It can be adjusted for different sized products without requiring any special equipment.
- Allows visible or invisible auxiliary code printing and analysis.
- Reads codes at a 99% success rate.
- User-friendly interface with a touchscreen monitor.
- GMP, GAMP 5, and 21 CFR Part 11 compliant.

(*) Speed may vary depending on product size.

Technical Parameters

Print Technology*	TIJ, Laser, CIJ
Printing Resolution (max)	600 dpi
Verification	Grading and (OCR/OCV)
Camera Resolution	1600 x 1200 px
Capacity (max)**	250 pcs/minute
Product Length Control	Yes
Voltage / Frequency	110 V / 220 V / 50 - 60 Hz
Dimensions (WxLxH)	1130x1750x2300 mm
Material	Stainless Steel