

High Speed Ampoule / Vial Sticker Labeling Machine PASL-300



Automatic Ampoule sticker labeling machine/vial Sticker Labeling Machine is used for the labeling of filled & sealed glass ampoules/vials. This rotary labeling machine is compact model uses very less space due to its rotary structure. High Speed Automatic Ampoule labeling machine or vial Labeling Machine labels 1ml to 30ml glass ampoule/vials with maximum speed of 200 to 300 ampoule/vials per minute. ampoule sticker labeler or vial sticker labeller complies as per current good manufacturing standards.

Operation:

The filled ampoule/vials to be a load on conveyor which feed ampoule/vials to the infeed conveyor which feed into feed worm. Feed worm can pass the ampoule/vials to the star wheel which carry the ampoule/vials towards labeling and rotate. During the rotation, the label applicator releases the label which is mounted on top plate. Label release end is aligning with the rotary star plate where the sensor is given to sense the ampoule/vial and release the label. Once the label is released the ampoule/vial is passed through label pressing device which aligns with the rotary star plate. While the passing of ampoule/vial from pressing device, it will be rotated and stick the label on the ampoule/vial. Once it passed through the same it is collected to the collection tray which is mounted on the top plate of the sticker labeling machine.

Applicator:

The basic function of the Ampoule/Vial Label Applicator is to release and stop the label and wind the empty roll according to the command of sensors. Label applicator device has a servo motor which rotates and stops according to the sense of the sensors. There are two sensors One is product Sensor Which starts the servo on sensing of product. Whereas second one is Gap Sensor which stops the servo once a label released. During the operation there is a facility to print the

label during the period of servo stops. Label Applicator has a facility to mount the printer. During the function of labeling operation printing can be done on the label with the help of the labeling machine.

Technical Specification:

Model	PASL-300
Production Rate	200 – 300 Ampoule/vials/Minute
Ampoule/vial Diameter:	10mm to 33 mm
Ampoule/vial Height:	50mm to 105mm
Label Length:	20mm to 50mm
Label Width:	15mm to 60mm
Power Specification	0.5 H.P.
Electrical Characteristics	230 Volts, Single Phase 400/750W Servo Motor with encoder
Overall Dimension	1250mm (L) x 1100mm (W) x 1100mm (H)