



SHL-2582 High Speed Labeling Machine



Oral liquid is a convenient and easy to use drug dosage form with advantages such as simple use and rapid absorption. Labeling of oral liquid bottles is the process of attaching labels to oral liquid bottles to facilitate identification and recognition of oral liquid information during packaging and use.

The steps include the following:

1. Label design: Firstly, it is necessary to design a label that meets the requirements of the oral liquid bottle label. The label should contain necessary information, such as drug name, specifications, batch number, production date, expiration date, usage and dosage, etc. The size, color, and font of the label should be coordinated with the oral liquid bottle.
2. Prepare label materials: Select appropriate label materials, such as label paper or plastic film that is not easy to tear and has good water resistance. Ensure good quality of label materials and compliance with relevant regulatory requirements.
3. Prepare oral liquid bottles: Clean, disinfect, and air dry the oral liquid bottles to ensure that the surface is clean and free of dirt. For glass bottles, it is also important to avoid fingerprints and oil stains.
4. Labeling machine setting: Adjust and set the labeling machine according to the label size and requirements. Including the setting of parameters such as labeling position, speed, pressure, etc.
5. Labeling: Send the label into the labeling machine. The oral liquid bottle to be labeled is placed on a conveyor belt or manually to ensure that the label is accurately attached to the designated position of the oral liquid bottle. Ensure that the labels are firmly bonded, without wrinkles or bubbles.
6. Quality inspection: After labeling is completed, a quality inspection is carried out to ensure that the labels are properly attached and have an accurate appearance. If poor labeling or damaged labels are found, they need to be replaced in a timely manner.

Introduction to the characteristics of the oral liquid bottle labeling machine:

- 1. Efficiency: It can achieve high-speed continuous labeling and effectively improve production efficiency. It can quickly and automatically recognize, take labels, and accurately attach them to oral liquid bottles, and can process a large number of bottles per minute.
- 2. Flexibility: With multifunctional and diverse labeling capabilities. It can adapt to oral liquid bottles of different shapes, sizes, and materials, including round bottles, square bottles, flat bottles, etc. At the same time, different positions of labels can be applied as needed, such as front labels, back labels, side labels, etc.
- 3. Accuracy: Through advanced optical sensors and control systems, it is possible to accurately identify the labeling position and angle, ensuring the accuracy and consistency of label attachment. It can automatically adjust the position of labels to avoid offset or overlap.
- 4. Stability: Adopting stable structural design and high-quality component manufacturing, it has stable and reliable performance. It has undergone precise debugging and testing, and can maintain high speed and stable labeling quality during long-term operation.
- 5. Easy to operate: With a user-friendly interface and operating system. The operator only needs to make simple settings and adjustments to start the labeling work. At the same time, it is equipped with an automatic detection and alarm system, which can detect and solve abnormal situations in a timely manner.
- 6. Safety: Advanced safety devices are used to ensure the personal safety of operators. It has functions such as preventing accidental start-up, overload protection, and emergency shutdown, effectively reducing work risks.

Technical Parameter

Voltage specification:	AC220V 50/60HZ 1-phase
Power consumption:	4KW
Labeling speed:	0-400 bottles/minute (determined based on label length)
Labeling accuracy:	plus or minus 1mm (excluding errors in the bottle and label itself)
Applicable container range:	outer diameter 10-30mm, height 25-120mm (can be customized according to specific requirements)
Applicable label range:	height 20-90mm, length 25-100mm
Maximum label supply:	diameter 380mm, inner diameter of paper roll 76mm