

Positioning Bottle Labeling Machine



The bottle enters the chart through the conveyor belt. By measuring the bottle magic eye, the PLC signal measurement of a bottle battery eye is triggered. The PLC rear delay control knob is clockwise, which is a working place. When the bottle is at the position of the stroke scale roller, the bottle label test eye at the bottom of the bottle sees the bottle. At the same time, the bottle and the stroke roller rotate clockwise in place to check the PLC signal of the label bottle battery eye. When the positioning eye at the bottom of the bottle sees the sign of the bottom of the bottle, Locate the signals from the electric eye and PLC, PLC controls the delay of the label on the battery, and then cooperate with the roller to firmly stick the label on the surface. After labeling, the star puller rotates a working position clockwise to transport the bottle out, completing the whole labeling process.

Eight Competitive Edges of Positioning Bottle Labeling Machine:

1. Motor adopts Panasonic servo marking system, Delta PLC and function module, Panasonic servo main motor marking, Delta frequency conversion adjustment. The machine has a high stability, can be synchronized, fast speed, up to 1200 times per minute, large torque, never out of step.
2. The machine has German Siemens microcomputer control system, intelligent, do not need any setting and adjustment, as long as the boot, the system can finish all the labeling calculation and preparation, as long as you press the button can do perfect paste.
3. The machine uses imported touch screen man-machine interaction interface, Chinese annotations. As long as you follow the instructions on the display screen, you can easily get on the ground without any experience, reducing the cost of personnel training; Through the man-machine interface, the production speed can be adjusted automatically. If there is a label used up, loss of fracture or tape tension, count set to reach and obstacles, such as machine abnormal will immediately stop and alarm.
4. Volume label, super durable use hard aluminum sandblasting, very durable not easy to wear.

5. Differential bottling mechanism is very precise, the bottling accuracy is as high as plus or minus 5 mm, different bottles do not need to change accessories, save money and convenient, better than other brands.
6. The rack and components use stable and durable standardized modular design, can be fully interactive, 24 hours a day operation, very safe and stable.
7. The shell is made of stainless steel SUS304 and T6 aluminum alloy, in line with GMP standards.
8. The printing head adopts solenoid valve to control the circular movement of the drum. The reaction speed and printing speed are much higher than the movement mode of the crank link. The production date, batch number and expiry date can be printed at the same time. The printing direction can be adjusted according to user requirements.

Technical Parameters

Labeling ability	60-100 pcs/min (depending on bottle and label size)
Conveyor speed	3~25m/min
Caress roll speed	3~25m/min
Conveyor belt passes through the bottle diameter	F25~60mm
Standard rate	3~40m/min
Labeling accuracy	±1mm
Total power	1800W
Power supply	L/N/PE 220V 50Hz
Operating ambient temperature	0-50°C
Use of relative humidity	15-90%