

## BR300 Astrolabe Labeling Machine



The labeled bottles enter the conveyor belt and are sorted by the bottle sorting wheel at a certain distance before being transported forward by the conveyor belt. When reaching the measuring material electric eye, the measuring material electric eye senses the bottle and immediately sends a signal to the label feeder for labeling. The bottle passes through the labeling plate and is labeled. At the same time, the bottle winding belt rotates the bottle to roll the label onto the circumference of the bottle, and the bottom paper is rewound. When the electric eye detects the end of the label, it sends a stop signal to the label feeder to complete the labeling process. After labeling, an optional printing machine or coding machine can be used to print three batches. In the future, a visual inspection system can be installed to detect label detection and the presence of Phase III inspection. Any non-conforming products can be promptly removed to ensure the quality of the final product.

### Parameters

Applicable specifications	Bottle body/ $\Phi 25\sim\Phi 98\text{mm}$ ; H: 45mm~200 mm
Applicable label width	16mm~150mm
Label roll outside diameter	$\Phi 340\text{mm}\sim 400\text{mm}$ ; Inside diameter $\Phi 76.2\text{mm}$
Label precision	$\pm 0.5\text{mm}$ (not considering the error between the labeled material and the label)
Production speed	Maximum speed 300 bottles/minute (depending on bottle size and label length)
Power source	AC220V~(50/61Hz)
Power	2.0kW
Air pressure	0.5MPa-0.7MPa
Air consumption	100L/min clean air
Equipment weight	About 350Kg