



HB-220 Model Drug Inspecting Machine for Capsule or Tablets



HB-220 model drug inspecting machine is a new product researched by our company on the basis of integration of domestic and foreign advanced technologies in order to meet the needs of pharmaceutical sector. It can test outlook quality for hard capsules, soft capsules caplets and tablets.

Work Principle

The products enter into the vibrating feeder through the bunker, and then enter into the rotating roller in single. On the feeding tray is a screen mesh that can get rid of the pellets and chips in the product. Under the feeding tray is a power collecting box that can recycle the small chips. The medicines equally drop on the rotating roller from deeding tray, and the they will continually overturn in front of the operator. And thus the operator can easily select the unqualified product out from them. The foot switch can stop the delivery belt at any time. The medicines still keep overturning while the delivery belt is stopped, which won't affect the testing process, there is an adjustable mirror that can help the operator select the unqualified product at the other end. As the vacuum system is applied, it needs not to connect a vacuum pump outside. There is no blind angle and fade zone in its design. As a result, it can assure the products can be tested in all directions.

Technical Parameters

Inspection capacity:	up to 120,000 capsules/h or 50 kg tablets/h, depending on product
Min. Tablet thickness:	3mm
Hopper volume:	30L, or 60L
Working height:	830 mm
Power supply:	220V/50Hz/Single phase; or 110V/60Hz/single phase
Power consumption:	0.5 kw
Compressed air pressure:	6 bar
Compressed air connection:	ø8 mm
Overall dimensions:	1400 x 650 x 1250 mm
Machine weight:	125 kg
Material	The drug contact part is made of stainless steel 316L, other is stainless steel 304
Application:	Inspection of capsules, tablets, plain or coated tablets and other round or cylindrical objects by one operator.