

# CIM-120

*Inspection Machine Model CIM-120*



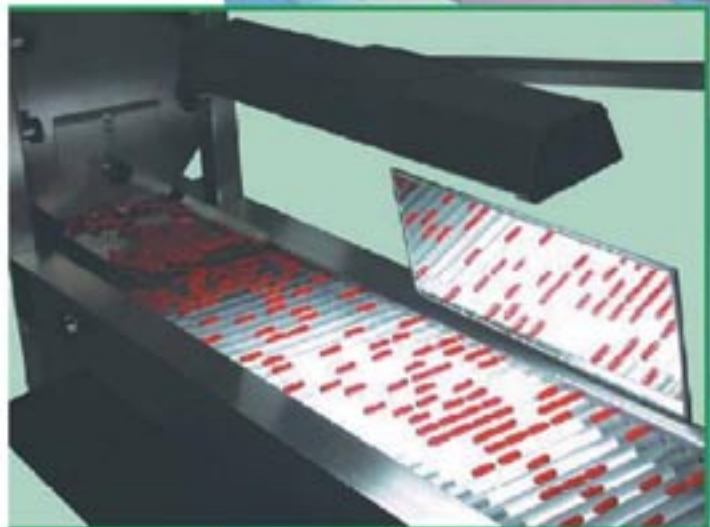
Inspection Machine Model CIM-120 with rotating rollers enables the operator to inspect hard or soft capsules and plain or coated tablets from all sides.

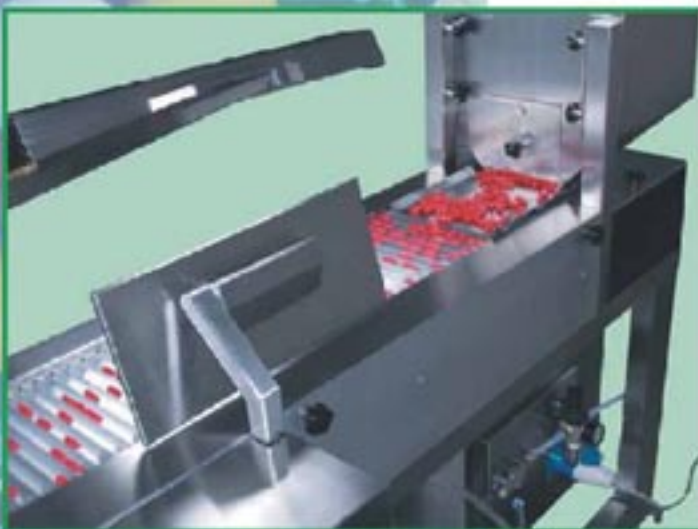
#### MODE OF OPERATION :

The product flows from the feed hopper into a vibratory chute where a perforated screen eliminates coarse dust and chips which are collected in a container. The product enters the inspection stage in a single layer. The capsules and tablets from the vibratory chute are placed on rotating rollers and are continuously turned & moved in front of the operator which ensures a reliable all-sided inspection. An adjustable mirror enables the operator to inspect opposite parts of the products. The rotation speed of the inspection rollers is adjustable individually, independent of the inspection speed.

#### ADVANTAGES :

- The rotation speed and inspection speed of capsule/tablet is infinitely adjustable. No hidden corners and blind area in inspection stage.
- Inspection rollers are made by FDA accepted transparent high density polymers. Lighting fixture installed underneath the roller conveyor belt, for illuminating the product from bellow, which is more suitable for inspection of transparent hard and soft capsules.
- Defective capsules and tablets can be eliminated by the operator with a flexible hand held vacuum nozzle.
- Foot pedal switch to stop the conveyor belt at any time. While foot pedal is pressed, the products keep rotating in front of the operator at a separately adjustable speed.
- Lighting source from top and installed underneath the roller conveyor belt for illuminating the inspection stage in non-flashed fluorescent lamp. Fatigue of vision can be reduced.
- For cleaning purposes the machine can be completely dismantled without any tools within a few minutes. Easy to clean, no cross contamination risk.
- No noisy external vacuum cleaner necessary through the use of compact Venturi suction system.





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## TECHNICAL SPECIFICATIONS

Application	Inspection of hard or soft capsules, plain or coated tablets and other round or cylindrical objects. Min tablet thickness : 3mm
Output	Up to 120,000 capsules/ h or approx. 50kg tablets, depending on product and product size
Feed Hopper	30L, 60L
Electrical Connection	110V/ 60Hz single phase
Power Input	0.45kw
Compressed Air	6 barr
Dimensions	1400x650x1250 min
Weight	125kg

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