

Optical Ampoule Vial Inspection Machine



The filled ampoules are loaded in to the in feed chute from where they are transferred in batches by an index wheel onto a linear transfer rack. The rack transfers the ampoules onto the inspection station, where spinners spin the ampoules at a predetermined RPM so that a vortex is formed. Illumination from behind the ampoules assists in light refraction of particles/fibers . An operator views six ampoules through a magnifying glass

Salient features:

- All contact parts in stainless steel and approved engineering plastics.
- Spinning of ampoule/vial. Magnified view with back lighting
- Clear view of six ampoule/vial.
- Modular and compact ejection system.
- Rotation of spinners can be adjusted to give desired vortex on liquid
- Easy access for cleaning and maintenance.
- Large inspection to transport time ratio..
- Facility of repeat cycle.
- PLC assisted failsafe rejection.
- Counters for good and reject products.

Technical Specifications:

Output (Ampoules): 60-72/minute

Output (Vials): 48-56/minute

Electrical Ratings: 3ph. 415V. 50 cps. (4 wire)

0-75 HP main motor

0-25 HP spinner motor

Net Weight: Approx. -450 Kg.

Handling Range (in mm): Diameter Min. 9 Max. 15 mm

Height Min. 60 Max. 116 mm