



## *Tablet Inspection Machine PTIM-18*



Tablet Inspection Machine is used for visual Inspection of Tablets, both coated and uncoated type of all sizes, most conveniently and at a very high speed, ensuring strict Quality control at the same time maintaining good checking rate.

The tablet to be inspected are filled in the Hopper and is automatically placed on the Conveyor belt through vibration, while at One end of the belt an operator inspects the 'Front' side of the tablet and at the other End the second operator inspects the 'Reverse' side of the tablet. Further, the Machine consists essentially of an Endless Nylon Conveyor Belt, driven by a variable speed motor and designed to offer for inspection the front and Reverse of a Tablet.

Optional Dust extractor provides collects the dust. Rejection tablet trays are filled to collect rejected and 100% perfect tablets fall into the collection drum.

### **Salient Features:**

- Fully automatic operations and designed as per cGMP - Current Good Manufacturing Practices compliance
- All contact parts AISI 316 & non-contact parts AISI 304.
- Compact Design
- No change part required.
- High-speed visual inspection with high output.
- Both coated and uncoated tablets & caplets of all sizes can be inspected.
- Imported endless nylon belt.
- Magnifying lens provide for better viewing

- Complete tablet surface is inspected on both faces.
- Angular guides provided on the edge of the Conveyor make tablets to rotate to inspect the tablet edge.
- Perforated vibratory plate for dust extraction provides.
- Hopper & fluorescent inspection light are provided with height adjustment.
- Two foot switches are provided for operators.

#### Optional Features:

- AC Frequency drive with variable speed.
- Inspection system of missing tablets could be incorporated to eliminate manual lab our.
- Flame proof Electricals.

#### Technical Specification:

Model	PTIM - 18
Motor	¼ HP, 220Volts, 1 Phase, 50 Hz
Gear Box	40:01:00
Inspection Belt	Nylon Endless
Tube Light	2 Nos. -1/2 Feet Length.
Dimension of the Machine in mm	L - 2000'x W -370 x H - 1400
Conveyor Speed	0.25Mts./Sec.(Speed Can be Varied)
All Contact Parts	Stainless Steel 316 Quality
Inspection	Both side of the tablet can be inspected.