

Liquid Machine



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BOTTLES INSPECTION MACHINE WITH B/W BACK



DESCRIPTION :

It is an inspection table with three track conveyor with a hood. It consists of the lighting arrangement and visual inspection background of alternate black and white color. The inspection table also consists of stainless steel structure with moving S.S. stat chain. The S.S. square pipes and adjustable bolts are provided for the machine structure.

HOW IT IS OPERATED :

The bottles inspection machine with B/W back is consist of central conveyor belt. The bottle or container is brought by the conveyor belt from the capping machine conveyor. The bottles automatically bifurcated on the adjoining conveyor belts. From the adjoining belts the bottles reach the side tables to the operator for the inspection. The operator picks the bottles and thoroughly checked alternate with black and white background. The bottles are checked for any breakage and any particles in the filled liquids. After the inspection the bottles are placed on the conveyor to transfer the bottles for labeling.

SALIENT FEATURES :

- A/C frequency variable drive.
- The length can be varied as per demand
- UHMW self lubrication guide below chain
- The height of conveyor belt can be adjusted to align with other machine of the line.
- For the trouble free performance, it is constructed rigid, vibration free.
- Direct gear drive
- The black and white board of the PVC as per GMP norms.
- S.S. matt finishing.
- The self alignment bearing for easy maintenance.

SPECIAL FEATURES :

- The castor wheel with lock

UTILITY REQUIREMENT :

Electrical Supply : Single Phase + Neutral + Earthing

Electrical Load : 0.5 KW

TECHNICAL SPECIFICATION :

Model	APM-BIM - 100	APM-BIM – 150
Direction of Movement**	Left to Right	
Output*	Up to 100 Containers/minute	Up to 150 Containers/minute
Number of Operator	Four (2x2, Two Side Seated)	Six (3x2, Two Side Seated)
Power Characteristics**	0.5 HP / 220 Volts / 50 Hz.	0.5 HP / 220 Volts / 50 Hz.
Height of Conveyor **	860 mm to 910 mm	
Machine Dimensions**	1880 mm (L) x 700 mm (W) x 1525 mm (H)	2440 mm (L) x 700 mm (W) x 1525 mm (H)
Case Dimensions**	2150 mm (L) x 950 mm (W) x 1750 mm (H)	2750 mm (L) x 950 mm (W) x 1750 mm (H)
Net Weight	200 Kgs.	275 Kgs.
Gross Weight	425 Kgs. Approx	525 Kgs. Approx

INPUT SPECIFICATIONS

Container Size**	Round Shape	Ø 22 mm to Ø 100 mm *** Height 58 mm to 240 mm*** (Height option for other bottle height available)
	Flat / Square	15 mm to 100 mm (Lenght) Respectively 10 mm to 50 mm (Width) Respectively Height 58 mm X 240 mm (Height option for other bottle height available)

- * Depending upon bottle size and operators' skill.
- ** Can be supplied as per customer requirements.

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