



AI-generated conceptual image; final configuration is project-specific.

SPECIALIZED PHARMACEUTICAL PACKAGING SYSTEM

Bottle Inspection Machine

For approved filled or packaged bottles, vials and compatible containers, with conveyor feeding through the illuminated inspection zone.

Suitable for: Approved filled or packaged bottles, vials and compatible containers

Machinery supply within India only. Technical review, delivery and support are coordinated from Ahmedabad.

Operating Principle and Selection Basis

A variable-speed conveyor presents containers under controlled lighting against contrasting inspection backgrounds for visual classification.

Control System: Variable-speed drive, lighting control and optional approved/reject lane arrangement

Optional Scope: Container rotation, additional operator stations, camera vision, reject and data logging can be separately engineered.

Project basis: Final specifications are governed by the approved quotation, machine datasheet, GA drawing and project URS. Published references and configuration/order qualifiers are retained. Illustrated equipment is not a guarantee of the supplied configuration.

Published Technical Specifications

Source: the product page included in this release. Published references are selection aids; the approved quotation and machine datasheet govern the supplied configuration.

Machine, Process and Integration Data

PARAMETER	PUBLISHED / PROJECT DATA
Suitable For	Approved filled or packaged bottles, vials and compatible containers
Working Principle	A variable-speed conveyor presents containers under controlled lighting against contrasting inspection backgrounds for visual classification.
Infeed / Handling	Conveyor feeding through the illuminated inspection zone
Outfeed / Transfer	Accepted and rejected containers are segregated according to the operating procedure
Machine Construction	GMP-oriented stainless-steel construction as defined in the approved scope
Contact Materials	Machine construction, contact materials, guarding and inspection surfaces are selected for the approved application and environment.
Control System	Variable-speed drive, lighting control and optional approved/reject lane arrangement
Changeover	Settings, guides and format parts matched to approved samples or drawings
Optional Scope	Container rotation, additional operator stations, camera vision, reject and data logging can be separately engineered.
Line Integration	Standalone supply or integration with approved upstream and downstream machines

Core Technical and Commercial Data

PARAMETER	PUBLISHED / PROJECT DATA
Model / Series	Configuration-specific. The model code is assigned in the approved quotation after the product, pack, process and automation scope are fixed.
Output / Throughput	Configuration-specific. Containers per minute are confirmed from bottle spacing, conveyor speed, lighting, operator viewing time and the defect classes in the approved inspection procedure.
Accuracy / Acceptance Criterion	Configuration-specific. Agreed defect or challenge samples are assessed under defined lighting, background, container-presentation and viewing conditions. Acceptance, segregation and any configured reject checks follow the approved inspection procedure and FAT protocol.
Electrical Power	Published reference. 1 HP, single-phase, 220 V.
Utilities	Configuration-specific. Electrical supply, inspection lighting, any configured reject actuator and upstream/downstream line signals are defined for the selected visual-inspection arrangement.
Overall Dimensions (L × W × H)	Overall dimensions are model- and configuration-specific. Final L × W × H is confirmed in the customer-approved GA drawing based on capacity, output, process requirements and site layout before order execution.
Net / Shipping Weight	Configuration-specific. Net and packed shipping weights are stated in the approved datasheet or packing list.
Capacity / Format Range	Published reference. Four-track visual-inspection configuration.
Warranty	Published reference. 12 months from dispatch for performance and workmanship; wear parts, consumables, electrical/electronic items and spares excluded.
Installation / Commissioning Scope	Order-specific. The quotation states whether installation, commissioning, SAT and operator training are included, together with unloading, positioning, utilities, civil work, trial materials, travel and site responsibilities.