

Inspection Table

OTHER PACKAGING & LINE AUTOMATION

OPTICAL VISUAL INSPECTION

THREE TRACK CONVEYOR

QUALITY CHECK



MANUFACTURED IN WAGLE ESTATE, THANE

OUTPUT CAPACITY

30 to 90 bottles/min

FILL VOLUME RANGE

Containers up to 1000 ml

VOLUMETRIC ACCURACY

Dual Contrast Particle Detecti

CONTACT METALLURGY

SS 304 Structure & Delrin Belt

CORE PRINCIPLE & AUTOMATION DESIGN:

Three-track conveyor inspection table equipped with overhead lighting hood and alternating black & white optical background for visual clarity inspection before labeling.

1. TECHNICAL OVERVIEW & MACHINE WORKING PRINCIPLE

Equipment consisting of a three-track conveyor with an overhead hood and lighting arrangement. For visual clarity inspection, alternating black and white optical backgrounds are provided. Designed for visual inspection of filled and sealed bottles before labeling.

2. TECHNICAL PARAMETERS MATRIX

SPECIFICATION PARAMETER	ENGINEERING STANDARD / RANGE
Conveyor Length	6 ft / 8 ft three-track design
Inspection Capacity	30 to 90 bottles per minute
Illumination	High-lumen glare-free hood lighting
Belt MOC	Delrin slat / SS 304 chain

3. MECHANICAL CAPABILITIES & FEATURES

Key Mechanical Inclusions:

- + Three-track continuous conveyor (central transit, dual inspection tracks)
- + Overhead illumination hood with flicker-free lamps
- + Dual contrasting black and white optical acrylic inspection board
- + Stainless steel structure with matte finish GMP design

Tested Products & Viscosities:

- Particulate inspection in liquid syrup bottles
- Injectable vial & oral drop clarity verification
- Cap closure integrity and fill volume visual check

TARGET INDUSTRIES & COMPATIBLE FORMULATIONS:

Pharmaceutical | Food & Beverages | Cosmetics | Toiletr

Tested Formulations: Particulate inspection in liquid syrup bottles, Injectable vial & oral drop clarity verification, Cap closure integrity and fill volume visual check

FACTORY ACCEPTANCE TESTING (FAT) & CGMP VALIDATION PROTOCOL

Manufactured under Schedule M and cGMP guidelines with sanitary mirror-polish SS 316 / SS 316L contact metallurgy. Clients and procurement engineers are welcome to our Wagle Estate, Thane factory for pre-dispatch Factory Acceptance Testing (FAT) with actual product containers and fluids. Full IQ/OQ qualification documentation and turnkey on-site SAT commissioning supported across India.

MANUFACTURING PLANT (THANE, MUMBAI):

Filltech Packaging Machines (Formerly BVS Pharma)
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Engineering Portal: https://filltech.in

FACTORY ACCEPTANCE & VERIFICATIONS:

Pre-Dispatch FAT: Container Trials at Thane Works
Verified Supplier: IndiaMART | TradeIndia | ExportersIndia
Machinery Trial Videos: @FillingMachinesIndia