



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

AUTOMATIC LIQUID DOSING & FILLING SYSTEM

Automatic Flow Meter Liquid Filling Machine

For approved containers and liquids compatible with the selected flow meter technology, with automatic container feeding and nozzle positioning.

Suitable for: Approved containers and liquids compatible with the selected flow meter technology

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

Operating Principle and Selection Basis

Product passes through an individual meter while the controller integrates measured flow and regulates the valve or pump to the target.

Control System: Individual meter feedback, recipe targets and coarse/fine flow control where configured

Optional Scope: Electromagnetic, mass-flow or other meter technology is selected only after product-property review.

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 containers and liquids compatible with the selected flow meter technology
Working Principle	Product passes through an individual meter while the controller integrates measured flow and regulates the valve or pump to the target.
Infeed / Handling	Automatic container feeding and nozzle positioning
Outfeed / Transfer	Filled containers release after target confirmation
Machine Construction	GMP-oriented stainless-steel construction as defined in the approved scope
Contact Materials	Product-contact materials, seals, tubing, valves and surface finish are matched to the product and cleaning method in the approved scope.
Control System	Individual meter feedback, recipe targets and coarse/fine flow control where configured
Changeover	Settings, guides and format parts matched to approved samples or drawings
Optional Scope	Electromagnetic, mass-flow or other meter technology is selected only after product-property review.
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	Published reference. Up to 36 bottles per minute, depending on fill volume.
Accuracy / Acceptance Criterion	Published reference. $\pm 1\%$ filling accuracy.
Electrical Power	Published reference. 230 V, single-phase, 50 Hz.
Utilities	Published reference. Pneumatic stopper system; approximately 100 L service tank; utility/loop connection with automatic low-, medium- and high-level control.
Overall Dimensions (L x W x H)	Published reference. 3000 x 900 x 2000 mm (L x W x H); conveyor height adjustable from 800 to 900 mm.
Net / Shipping Weight	Published reference. Approximately 300 kg net / 500 kg gross.
Capacity / Format Range	Published reference. Four filling nozzles; 5-5000 mL fill range; bottles 22-140 mm diameter and 55-200 mm height.
Warranty	Published reference. Manufacturing defects in stainless-steel components are covered; normal wear-and-tear parts, consumables and electrical components are excluded. The quotation does not state a warranty duration.
Installation / Commissioning Scope	Published reference. Pre-dispatch operational and maintenance training plus installation at buyer works; buyer arranges food and local transportation for the H M Pharma Machines engineer.