



Representative equipment/application image; final configuration may vary.

LIQUID FILLING MACHINES

Ampoule Filling & Sealing Machine

Designed for approved open glass ampoules and compatible pharmaceutical or specialty liquids, the Ampoule Filling & Sealing Machine uses gentle ampoule feeding and positive format control. Its operating sequence is managed through synchronized filling, optional gas flushing and burner safety control.

Suitable for: Approved open glass ampoules and compatible pharmaceutical or specialty liquids

Liquid dosing with controlled flame sealing	Application-matched configuration	Configurable production output	Line integration available
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Operating Principle and Selection Basis

Ampoules are aligned upright, filled through controlled needles and moved to a regulated preheating and flame-sealing station.

Control system: Synchronized filling, optional gas flushing and burner safety control

Optional scope: Pre- and post-gas flushing, number of heads, seal method and inspection integration are configurable.

Project basis: Final specifications are governed by the approved quotation, machine datasheet, GA drawing and project URS. Published reference, Configuration-specific, Order-specific and Not applicable qualifiers are retained. **Open current product page**

Published Technical Specifications

The following data is reproduced from the current H M Pharma Machines product page. Configuration and order qualifiers are intentionally retained.

Machine, Process and Integration Data

PARAMETER	PUBLISHED / PROJECT DATA
Suitable For	Approved open glass ampoules and compatible pharmaceutical or specialty liquids
Working Principle	Ampoules are aligned upright, filled through controlled needles and moved to a regulated preheating and flame-sealing station.
Infeed / Handling	Gentle ampoule feeding and positive format control
Outfeed / Transfer	Sealed ampoules discharge for inspection and secondary packing
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	Synchronized filling, optional gas flushing and burner safety control
Changeover	Settings, guides and format parts matched to approved samples or drawings
Optional Scope	Pre- and post-gas flushing, number of heads, seal method and inspection integration are configurable.
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. The rated output in containers per minute depends on fill volume, viscosity, temperature, foam, container, dosing technology and number of filling heads.
Accuracy / Acceptance Criterion	Configuration-specific. Filling tolerance and the FAT sampling method are guaranteed only for the approved product, dose, container and operating conditions.
Electrical Power	Configuration-specific. Voltage, phase, frequency and maximum connected load are stated in the approved electrical load list.
Utilities	Configuration-specific. Electrical supply, compressed air, product feed or temperature control, gas or vacuum, and cleaning or CIP interfaces are listed as applicable.
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	Configuration-specific. Fill-volume range, approved container range and any product holding capacity are stated in the machine datasheet.
Warranty	Order-specific. Duration, commencement date, covered parts, exclusions and claim terms are stated in the approved quotation or order.
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.