



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

HYGIENIC PHARMACEUTICAL PROCESS EQUIPMENT

Manufacturing Vessel

For compatible pharmaceutical syrups, solutions, suspensions, cosmetics and allied formulations, with ingredient charging through approved sanitary connections.

Suitable for: Compatible pharmaceutical syrups, solutions, suspensions, cosmetics and allied formulations

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

Operating Principle and Selection Basis

Metered ingredients are charged, mixed and optionally homogenized under controlled temperature and pressure or vacuum before hygienic transfer.

Control System: Agitator, homogenizer, temperature, vacuum, load and recipe controls where specified

Optional Scope: Anchor or turbine agitator, high-shear mixer, scraper, vacuum, jacket, load cells, CIP and SIP are configurable.

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	Compatible pharmaceutical syrups, solutions, suspensions, cosmetics and allied formulations
Working Principle	Metered ingredients are charged, mixed and optionally homogenized under controlled temperature and pressure or vacuum before hygienic transfer.
Infeed / Handling	Ingredient charging through approved sanitary connections
Outfeed / Transfer	Finished product transfers through a closed hygienic path
Machine Construction	GMP-oriented stainless-steel construction as defined in the approved scope
Contact Materials	Product-contact metallurgy, finish, weld treatment, pressure rating and cleanability are engineered from product compatibility and URS.
Control System	Agitator, homogenizer, temperature, vacuum, load and recipe controls where specified
Optional Scope	Anchor or turbine agitator, high-shear mixer, scraper, vacuum, jacket, load cells, CIP and SIP 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. Output is defined as working batch volume and process cycle or duty, not containers per minute.
Accuracy / Acceptance Criterion	Configuration-specific. Required tolerances for temperature, agitation speed, pressure or vacuum and level are defined by the selected instruments and process URS.
Electrical Power	Configuration-specific. Agitator, heater, pump and instrument loads are listed in the approved electrical load list; passive equipment has no main drive unless selected.
Utilities	Configuration-specific. Heating medium, cooling or chilled water, electrical supply, compressed air, vacuum, transfer and CIP or SIP services are sized for the approved process.
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. Gross volume, working volume, minimum batch, design pressure or vacuum and process duty are stated in the approved vessel 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.