



Harsiddh Engineering Co.

Two Head Ampoule Filling and Sealing Machine HFS-55



Harsiddh Two head ampoule filling and sealing machine is used to fill 0.5ml to 25ml liquid filling with 2 head fillers and sealers in a single dose applied to 1ml to 25ml open mouth glass ampoules. The production capacity of this machine is 30 to 40 ampoules per minute.

The slant travelling ampoule filling and sealing capacity varies based on the type, thickness and neck dimension of ampoules. The machine is made up of sturdy SS materials with minimum change over parts and easy maintenance. Single motor placement synchronized all the drives causes' smooth rotation of ampoules at sealing station. Automatic sensors stop the filling as soon the ampoule filling machine doesn't found the ampoule.

Harsiddh Engineering is one of the leading firms known for delivering optimum performance pharmaceutical machineries. Ampoule Filler And Sealer are mechanized to load ampoules directly into the slant hopper. Ampoules move on eccentric rack following each other with the synchronization of star wheel. The ampoule sealing machine carry on internal processes like pre and post gassing, filling, heating and sealing on stoppage of the rack. It is available in standard as well on customer specific requirement

Feature:

- Compact structure free from vibration.
- Contact parts made from Stainless Steel AISI 316L.
- Non-contact parts made from Stainless Steel AISI 304, Mild Steel, Brass etc.
- Dosing Syringes/pumps and Filling Needles made of Stainless Steel AISI 316.
- All drives of the unit synchronized with Single motor.
- Pre & Post nitrogen flushing unit.

- Smooth ampoule rotating unit at the sealing station.
- Pre-Heating unit for thick glass ampoules.
- Easy regulation of oxygen, LPG and nitrogen gas with flow meters.
- No wastage of expensive liquids with “No Ampoule No Filling” feature.
- Easy regulation of speed with variable frequency drive.
- Vertical tray collection unit duly filled and sealed ampoules (Optional).
- Stainless Steel west tips collector at the bottom side of machine.

Technical Specification:

Model No.	HFS-55 / Off Line model
Ampoule Sizes	1ml to 25ml Open Mouth Glass Ampoules
Filling Capacity	From 0.5ml to 25ml in single dose
Filling Type	Piston Pumps Type Filling (Volumetric)
Contact Parts	Stainless Steel AISI 316L (For Filling Nozzle & Syringe / Pump)
Output / Minute	30 to 40 Ampoules / Minute (Depend on ampoules sizes)
No. of Head For Fill & Seal	Two
Require Gases For Sealing	LPG & Oxygen (Mixture)
Nitrogen Purging	Available (Pre & Post)
Pre Heating	Available
Power Require	0.5 H.P., 380 Volts, 3 Phase, 50 Hz (4 Wire Systems) OR
	0.5 H.P., 220 Volts, 1 Phase, 50 Hz OR Customised
Over All Dimensions	900mm (L) X 750mm (W) X 1000mm (H)
Net Weight	180 Kgs.
Gross Weight (With Wooden Case)	390 Kgs.