



Harsiddh Engineering Co.

Four Head Closed Ampoule Filling and Sealing Machine HFS-4 C



Harsiddh Engineering offers the best quality four head closed ampoule filling and sealing machine that works on ampoule's incline drive principle in which closed mouth ampoules open up, filling and sealing takes place to care of wide aberration. Heavy plated machine covered with SS cover and matt/dull finishing. There is a big gap at the bottom of the ampoule filler sealer machine for easy cleaning. The electrical control panel is placed on the top of the machine for easy start up, execution and protection. Our ampoule filling and sealing machines have CE certifications.

It is new generation ampoule filling sealing machinery that opens, fills and seals the ampoules with nitrogen pre and post flushing with easy adoptability to the rectangular feeding that avoids the ampoule breakage. The instrument defined for complex process with easy execution to fill and seal 1ml to 10ml ampoules with closed mouth. It is highly efficient to handle 60 to 90 D type glass ampoules per minute. Though the output productivity is based on the sizes of ampoules, equipped with four sealing nozzle for pre-heating. Thick glass ampoules needs pre heating requisite for sealing. The greatest benefit of Ampoule Filling And Sealing Machine is less change over time, the parts made of quality Stainless steel.

This one is the most suitable device to fill and pack pre-washed or pre-sterilized closed ampoules probably used in foreign countries, where it requires high sterile and hygienic standards to be followed in vaccines and human consumption liquids are used to pack.

Features:

- Compact cGMP model.
- All contact parts are made from stainless steel AISI 316 material.

- Single motor customized with all drives of the unit.
- A delicate ampoule rotating unit attached at the ampoule opening and sealing station.
- Pre & Post nitrogen flushing unit.
- Pre heating unit for thick glass ampoules.
- Minimum change over the ampoule size.
- Sleepy tray for diversion of filled and sealed ampoules.
- West tips collector made with the high quality stainless steal.
- Appropriate for all open mouth glass ampoules.

Technical Specification:

Model No.	HFS-4 C
Ampoule Sizes	1ml to 5ml Closed / D Type Glass Ampoules
Filling Capacity	From 0.5ml to 5ml in single dose
Filling Type	Piston Pumps Type Filling (Volumetric)
Contact Parts	Stainless Steel AISI 316L (For Filling Nozzle & Syringe / Pump)
Output / Minute	60 to 90 Ampoules / Minute (Depend on ampoules sizes)
Ampoule Opening Nozzles	Four
Sealing Nozzle	Four For Pre Heating & Four for Sealing
Require Gases For Sealing	LPG & Oxygen (Mixture)
Require Gases For Opening	LPG & Oxygen (Mixture)
Nitrogen Purging	Available (Pre & Post)
Pre Heating	Available
Power Require	1 H.P., 380 Volts, 3 Phase, 50 Hz (4 Wire Systems) OR
	1 H.P., 220 Volts, 1 Phase, 50 Hz OR Customised
Over All Dimensions	1250mm (L) X 800mm (W) X 1000mm (H)
Net Weight	320 Kgs.
Gross Weight (With Wooden Case)	490 Kgs.