



Harsiddh Engineering Co.

Single Head Onion Skin Tube Filling and Sealing Machine HFS-30 OST



Harsiddh Engineering Co. introduces the single head onion skin tube filling and sealing machine featuring AISI 316-grade stainless steel contact parts. The single motor of the equipment is customized and complies with all the major unit drives. This particular tool operates on the nitrogen-flushing mechanism and possesses both the pre and post-nitrogen flushing unit. One of the major benefits of the equipment is the availability of minimum change-over of ampoules. Other than that, this tube filling and sealing equipment also feature an active pre-heating unit for thick glass ampoules. Our tube filling machines have CE certifications.

With the help of this tube filler and sealer machine, you can fill or seal ampoules of 1ml to 25ml capacity. Apart from that, the tube filling and sealing machine has a unique filling capacity of 0.5ml to 25ml in single doses. Operating on the volumetric piston-pumps type filling principle, the device can fill 10 to 15 ampoules. Another unique advantage of this equipment is the availability of the sleep-tray. It offers perfect diversion of the sealed and filled ampoules.

The required gases for sealing or filling the ampoules are oxygen and LPG. And this top-class machinery provides optimum flexibility in the preparation of ampoules containing agro-insecticides, veterinary medicines, and several other chemicals. These pieces of equipment available with Harsiddh Engineering Co are perfect for all kinds of open-mouth glass ampoules.

Features:

- cGMP model.
- Compact and vibration free structure.
- All Contact parts made from Stainless Steel AISI 316 material.
- Other parts (non-contact) made from Stainless Steel AISI 304, Mild Steel, Brass etc.
- Stainless Steel AISI 316 Dosing Syringes and Filling Needles.

- Single motor synchronized all drives of the unit.
- Smooth onion skin tubes or indicators ampoules rotating unit at the sealing station.
- Pre Heating unit available for thick glass tubes or ampoules.
- “No Ampoule No Filling” function avoid consumption of expensive liquids.
- Minimum time to change over ampoule size.
- Variable frequency drive for regulating tube filler sealer machine speed easier through speed pot.
- Collection unit duly filled and sealed onion skin tubes or indicators ampoules.
- Stainless Steel west tips collector for cutting the glass ampoules tips while sealing.
- Suitable for all open mouth onion skin tubes glass ampoules or indicators.

Technical Specification:

Model No.	HFS-30 OST (Suitable For Onion Skin Tubes / Crushable Ampoules / Biological Indicator)
No. Of Head	One
Size Of Onion Skin Tubes / Crushable Ampoules / Biological Indicators	Dia. 6mm to 15mm
	Length – 55mm to 100mm Or as per customer size
Filling Capacity	From 0.5ml to 5ml in single dose
Filling Type	Piston Pumps Type Filling (Volumetric)
Filling accuracy	<u>1%</u>
Contact Parts	Stainless Steel AISI 316L (For Filling Nozzle & Syringe / Pump)
Filling Head	One
Sealing Nozzle	One
Output / Minute	10 to 15 Tubes / Minute (Depend on ampoules sizes)
Require Gases For Sealing	LPG & Oxygen (Mixture)
Require Gases For Opening	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
	Customised
Over All Dimensions	750mm (L) X 500mm (W) X 1000mm (H)
Net Weight	70 Kgs.
Gross Weight (With Wooden Case)	180 Kgs.