

Liquid Filling Machines LIQFILL 100iR.Motion



The Automatic Four Head Volumetric Motion type Liquid Vial Filling with Vacuumetric Rubber Stoppering Machine Model LIQFILL-100iR.Motion is suitable for Round Vials with maximum speed of 120 Vials per minute. The Machine can give Maximum speed of 120 Vials per minute depending on nature of Liquids, Vial Neck Size and Fill Volume. Machine construction in fully Stainless Steel finish including machine frame structure. Machine with unique motion filling system, Filling Nozzle moves along with Vials during the Liquid Filling Process without stoppage of Vials and also with time tested Vacuumetric Rubber Stoppering System for positive placement of Rubber Stopper on Vial at higher speed. Machine with built-in Turn Tables at In-feed and Out-feed with individual drives to match the speed of incoming and outgoing vials for smoother operation. All parts coming in contact with Liquids and Rubber Stoppers are made from S.S. 316 Material.

Features:

- No Vial - No Fill System, No Vial - Machine Stop System
- No Stopper - Machine Stop System
- Synchronized movement of Vial and Filling Nozzle, no stoppage of vial during filling operation
- Vacuumetric Rubber Stoppering System.
- All contact parts made of SS 316 material with easy removal system for Auto-Claving/Sterilization/Cleaning
- Machine construction in SS 304 material
- Optional Diving Nozzle for Foam free filling available on request
- Very High Fill Accuracy
- Automatic In-feed and Exit of Vials
- Minimum Change Over time
- Built-in A.C. Variable Freq. Drive System

Technical Specifications:

Vial Diameter	15mm to 50mm*
Vial Height	75mm Maximum*
Rubber Stopper Diameter	13mm and 20mm Dry or Wet Grey Butyl
Fill Range	1ml to 50ml with help of Change Parts / Syringes
Accuracy	Depending on Liquid with Single Dose
Electrical	220 VAC Single Phase Power Supply (50 Hz)
Power	3.0 Hp
Speed	Max. 120 per minute
Syringe Fill Range	0.1ml to 1ml, 1ml to 5ml, 2ml to 10ml and 10ml to 50ml
Conveyor Height	800-850 mm
Overall Dimensions	2300 mm (L) x 1100 mm (W) x 1400 mm (H)