



BROTHERS[®]
PHARMAMACH (INDIA) PVT. LTD.

LIQFILL 80FM

Linear Four Head Flow Meter based Liquid Filling Machine



The Automatic Four Head Flow Meter Based Liquid Filling Machine, Model LIQFILL-80FM Linear with FLOW METER Liquid Filling Technology is suitable for Round, Oval, Flat or Square Bottles with Max. speed of 60 Bottles per minute. The output of Bottle Filling Machines depending on nature of Liquids, Bottle Diameter, Bottle Height, Bottle Neck Size and Fill Volume. Machine construction in fully Stainless Steel finish including M.S. Frame structure with SS 304 cladding. Machine with Optional Turn Tables at In-feed and Out-feed with individual drives to match the speed of incoming and outgoing Bottles for smoother operation. All parts coming in contact with Liquids are made from S.S. 316 Material.

Machine also offers CIP System which is not possible on other conventional type Linear Machine all component required to open and clean.

Machine does not require any change parts for change in Fill Volume due to Flow Meter Technology, which helps user to set the required fill volume directly from Machine control panel Touch Screen system. Machine new technology also offers simple user friendly operation with less moving parts coming in contact with liquid and also higher level of accuracy for filling liquid.

SPECIAL / OPTIONAL FEATURES :

- FLOW Meter for High Fill Accuracy and Repeatability
- Built in PLC with Colour Touch Screen Operation.
- No Bottle - No Fill System,
- No Bottle - Machine Stop System
- Tri Clover Joint for easy maintenance
- All contact parts made of SS316 material with easy removal system.
- Machine construction in SS 304 material
- Very High Fill Accuracy of +/- 1 to 1.5ml for any fill volume upto 250ml and +/- 2ml above 250ml Pack Size.
- Machine also available with option of high fill accuracy of +/- 0.5 to 1ml
- Suitable For Syrup and Suspension having higher viscosity.
- Automatic In feed and Exit of Bottles
- Minimum Change Over time
- Fully Stainless Steel Finish
- Simple Change over for different size of Bottles with No Change Parts system for different Fill Volume.

TECHNICAL SPECIFICATIONS

Bottle Diameter : 28mm to 70mm*
 Bottle Height : 50mm to 200mm*
 Fill Range : 15ml to 500ml*
 Speed : Upto 60 Bottles per minute depending on Fill Volume and type of Liquid
 Conveyor Height : 800-850 mm
 Overall Dimensions : 3000 mm (L) x 2400 mm (W) x 2000 mm(H)

UTILITY REQUIREMENT :

Filtered Compressed Air : 5 to 7 Bar Air Pressure required
 Suitable Capacity Pressure Pump
 Electrical : 440VAC 3 Phase / 220 VAC Single Phase Power Supply (50 Hz)
 Power : 4.0 Hp

* Specification can be changed as per customers requirements

Other Available Models

LIQFILL-80e	LIQFILL-80	LIQFILL-300.FM	LIQFILL-20
LIQFILL-160.Motion	LIQFILL-120.FM	LIQFILL-150.MBS	LIQFILL-120
LIQFILL-250.Motion	LIQFILL-150.FM	LIQFILL-120.MB	LIQFILL-160
VACFILL-250.MBL	LIQFILL-240.FM	LIQFILL-120e	LIQFILL-220
LIQFILL-20e	LIQFILL-60e		

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