



SPM-50 Semi-Automatic Volumetric Liquid Filling Machine



The machine is Compact versatile and elegantly matt finished unit totally enclosed in stainless steel having most of the features of automatic machine. The basic unit consist of reciprocating filling, nozzles, container platform, container centering device, syringe holder, HDPE tubes And pipes and on-line starter.

Operation:

Two containers are manually placed on to the container platform, which is accurately centered initially for one size of container. The filling nozzles automatically enter the neck of the container at a pre-set depth and after filling, return back to the original position. Filled container are removed manually and replaced by empty ones.

Salient Features:

- The unit is built on strong structural frame for rigidity and provides vibration free movement of operation.
- The stroke of nozzle holder and the height of the nozzles are adjustable for achieving smooth entry and exit of nozzles inside the neck of the containers and avoid splash/ spillage of liquid or dripping at sides.
- No breakage of containers in the event centering is not done correctly as nozzles holder is spring loaded.
- Specially honed, wide range of selection of syringes available, which gives performance of uniform volume for a long time.
- Non return valve so accurately designed and machined to achieve drip proof result and avoid messy platform and containers.
- The unit can be quickly dismantled for maintenance just by opening front cover.

- Each and every part can be attached for cleaning operation or maintenance without any hindrance.

Technical Specifications:

MODEL	SPM-50
OUTPUT/ HOUR	1500 TO 3000 CONTAINERS.*
	DEPENDS ON VOLUME / VISCOSITY OF THE LIQUID TO BE FILLED
POWER CHARACTERISTICS / SUPPLY	440 VOLTS/ 3 PHASE(4 WIRE SYSTEM).50Hz 1 H.P. Flame Proof Motor
OVERALL DIMENSIONS	360MM(L) X 635MM (W) X 725MM(H)
NET WEIGHT	95 KG.(App.)