

L02 – LIQUID FILLER

L02 is a basic linear liquid filling machines for production rate up to 1000 bottles/hour.
It can be supplied with n.2 pistons up to 500 ml. each

Minimum costs and a very short time are necessary for setting the machine to different sizes of containers



STRUCTURE AND SAFETY

Main structure in aluminum shape, completely covered by inox steel panels

Input and output conveyor belt by one motor: adjustable guides and structure in inox steel

A pneumatical Stop & Go system drives the bottles under dosing nozzles: container size up to \varnothing 80 mm, H 160 mm. (OTHERS ON REQUEST).

Cab made with aluminium shape and tempered glasses or polycarbonate with mechanical safety switches

Electrical and logic controls located inside a inox box, side the machine.

DOSING SYSTEM

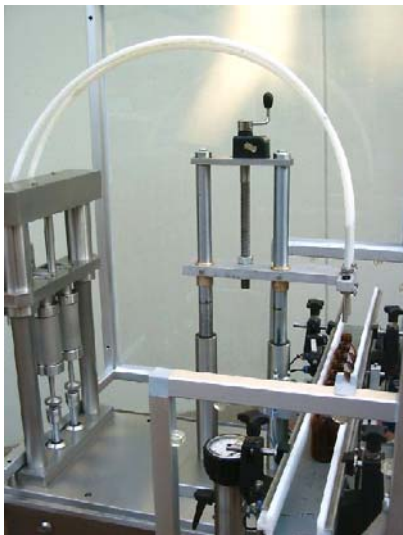
Inox Steel AISI 316 nozzles and pistons with sphere valves.

Mechanical adjustment of dosing volume.

Nozzles and pistons movements with one motorization and mechanical adjustment for phases setting.

Motorizations with inverter and adjustable speed by operator panel.

AVAILABLE IN 2 DOSING UNITS UP TO 500 ML. EACH – SPECIAL NOZZLES FOR DROPPING AND FOAMING PRODUCTS AVAILABLE



LOGIC CONTROLS

Logic controls based on PLC Siemens LOGO

CHECK POINTS

Minimum load and maximum load of bottles (stand by)

Bottle presence in filling point (no dosing)

Liquid level (calling product – stop after xx seconds) - OPTIONAL

Technical features and performances

Nominal output	up to 1000 pz./h.
Filling system	pistons up to 500 ml. each
Product feed:	optional on request
Filling stations	2
Fill accuracy:	2%
Fill adjustment	electronic by panel
Parts in contact with product	INOX AISI 316
Dosing system	Motor with adjustable speed
Centering system	mechanical
Dosing range	up to 1000 ml
Dosing adjustment	mechanical
Electrical cabinet	IP55
Compressed air	6 atm.
Electrics	380V 50Hz – (220V 60Hz)
Connecting load	1,5 KW
PLC	Siemens S7 226
Display	UNIOP LCD 2x20
Sensors	OMRON or Telemecanique
Safety guarding	sensors with NC contact
Safety locks	mechanical
Weight	400 Kg