

# RoboCAP RL-300VF Liquid Vial Filler

Made in Canada 🍁

This is your cost efficient CGMP Compliant liquid filling capsule machine. It's ideal for Clinical Trials and Small Scale Production.

RL-301VF - 1,500 Caps/hr, RL-302VF – 2,500 Caps/hr



RoboCAP RL-302VF Liquid Vial Filler

The RoboCAP is a flexible system, which is capable of automatically filling liquids into capsules or vials as well as small containers. It can also be used as stand-alone, manual powder capsule filler.

## Benefits of the RoboCAP

- The RoboCAP is very versatile and is capable of filling liquids or powder.
- The Manual Capsule Filler that comes with the RoboCAP, can also be used as a stand-alone capsule powder filler,
- The RoboCAP comes equipped with everything you need to process capsules,
- The RoboCAP can be made to fill liquids into vials, syringes, E-Cigarettes and other small containers.
- The RoboCAP system is capable of holding up to 100 different programs,
- The RoboCAP is an upgradeable system, you may purchase the RL-301 and in the future, you may decide to purchase an **UPGRADE Package** for the RL-302, RL-303 or the RL-304.

## Technical Specs

RL-300 Work Area (X x Y x Z):	300x300x100 mm
Output Capacity:	1,200 to 3,500 pcs/hr
Fill Volume:	0.25 to 100 ml
Tool Load:	5.0 Kg
Max Tool Speed (X&Y / Z):	500 / 300 mm/sec
Repeatability:	+/- 0.01 mm/Axis
Resolution:	0.001 mm/Axis

## Process Description

Product is forced from the 316L pressure tank, into the product line and to the product inlet of the 316L dispensing needle valve.

The Liquid dispensing controller sends a pulse of air to the inlet of the valve, which forces the piston back against the spring, therefore pulling the product plunger off of the seat. This allows the flow of product out of the dispensing nozzle. The valve dispenses product into the empty vial, with a fill weight tolerance of +/- 1.5%.

At the end of the cycle, the plunger is reseated stopping the product flow.

Data Memory Capacity:	100 Programs
Points / Program:	4000 Points
Power Supply:	110V/220V
Current:	2.5mA
Dimensions:	485 x 500 x590 mm
Net Weight:	45 Kg
Options:	2, 3, 5 & 10 Gallon Tanks

**Also Available:** The RoboCAP RL-200, and the RL-300 series liquid capsule fillers.

The RL-200VF and the RL-300VF can be upgrade to fill capsules, and if you own a RoboCAP liquid capsule filler, it can also be upgraded to fill vials.

**atgpharma** »

ATG Pharma Inc.

Phone: (289) 337-2970, Fax: (289)-337-3865

E-mail: [mike@atgpharma.com](mailto:mike@atgpharma.com), Web: [www.atgpharm.com](http://www.atgpharm.com)