

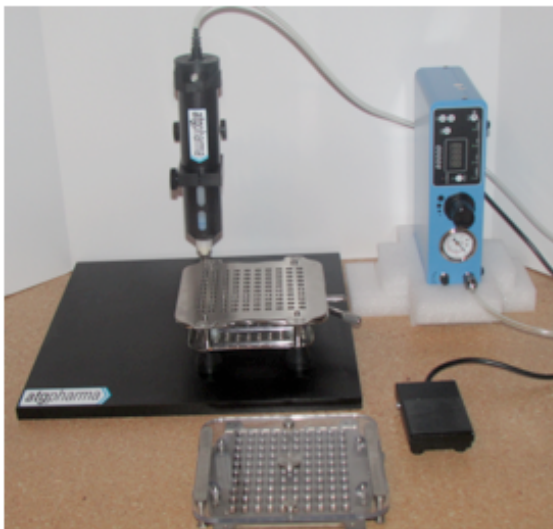
ML-Series Manual Liquid & Powder Capsule Filler

Made in Canada 

This is your cost efficient CGMP Compliant manual liquid capsule filling system It's ideal for Clinical Trials, Small Scale Production for Phase 1 and 2 pilot runs.

ML-1S Manual Syringe Liquid Capsule Filler, 400 Capsules / Hour and 2,000-3000 Powder Filled Capsules / Hour

ML-1 Manual Liquid Capsule Filler, 800 Capsules / Hour and 2,000-3000 Powder Filled Capsules / Hour



ML-1S Manual Syringe Liquid Capsule Filler



ML-1 Manual Liquid Capsule Filler

The ML-Series is a bench top; manually operated liquid capsule and vial filler with the ability to also fill powder into capsules. It works with all manual capsule-filling systems.

Process Sequence

1. Capsule Orientation and Separation
2. Empty capsule body is placed onto the robotic units mounting fixture.
3. Empty capsule bodies are filled with liquid product by robot dispensing valve.
4. Manual capsule filler is removed from the robotic fixture.
5. The capsules are reassembled and locked into place.

Technical Specs

Capsule Sizes Processed: 00, 0, 1, 2, 3 & 4
Output Capacity: 800 Caps/Hr
Power Supply: 110V / 220V – 60 Hr
Air Pressure: 85 Psi
Overall Weight: 33 lb
Dimensions: 375 x 375 x 250 mm

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 needle 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 stainless steel needle valve dispenses product into the empty capsule body, with a fill weight tolerance of +/- 1.5% with free flowing liquids and +/- 3% with more viscous products.

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

Also Available for Purchase

Upgrade packages available, ML series to RoboCAP

RoboCAP RL-201-1	1,400 Caps/hr,
RoboCAP RL-201	2,500 Caps/hr,
RoboCAP RL-202	4,500 Caps/hr,

RoboCAP RL-301	3,000 Caps/hr,
RoboCAP RL-302	6,000 Caps/hr,
RoboCAP RL-303	8,000 Caps/hr,
RoboCAP RL-304	11,000 Caps/hr



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