

SYRINGE FILLING MACHINE EZ-Filla™ 1000

In R&D environments and those where low volume runs of multiple, or even single, material fills is required, semi-automatic equipment is not justified. Filling a large syringe, then using it to fill numerous small ones is not only lengthy and frustrating experience, but it also does not lend itself to accuracy. The EZ-Filla™ 1000 Syringe Filler has been designed to fill syringes accurately with minimal effort, easy setup and quick and easy changeover between materials.

The unit fills a single syringe at a time. Typically the material is fed from a 20 or a 32 oz reservoir using air pressure in the range 70-80psi. The unit can be adapted to most reservoirs that remain within the maximum air pressure of 100psi. Low to medium viscosity materials are handled well by this unit.

As a standard the Syringe Filler is provided with a Luer nozzle adapter but can be ordered to accept virtually any type of common syringe. Syringes from <1cc to 60cc can be filled. Larger syringes can be catered for; talk to us about your requirements. Safety syringes that are compatible with nozzle filling can also be filled with this unit and there is also a nozzle option to cater for back filling of syringes or cartridges..

The accuracy and repeatability has proven to be a match of our EZ-Filla™ 1100. To validate that this unit matches your requirements, we request that sample syringes and material be sent to the to the factory for testing.

Total machine cycle time is dependent on fill volume and material viscosity, but is generally between 2 and 5 seconds and we expect that about 120-360 syringes can be filled per hour.

Basic Operation

The operator places the syringe into the nozzle holder and then presses a switch (foot or hand) to activate the filling process. Once the plunger touches the fill height guide bar, the operator removes pressure from the switch to stop the material flow. The guide bar is swung out of place, the filled syringe removed and replaced and the guide bar is repositioned.

Dimensions (approx)	H18"XW28"XD12
Packed weight	15 lbs.
Maximum Pressure	100psi

