

STI RoboFill RF500

Liquid Filler

The RoboFill RF 500 is a flexible, semi-automatic system that is capable of filling liquids into Capsules, Vape Cartridges or Tincture Bottles

Features:

- Perfect for short manufacturing batches or small production
- Quick changeover from product to product
- Adapts easily to new devices or processes
- Easy to maintain and clean
- Fill weight tolerance +/- 2%
- Modular design allows for additional fixtures and valves to increase production
- Capable of storing up to 100 unique programs
- All manufacturing, service and support from our Indianapolis facility

Heated Product Vessel:

- Product is consistently heated from vessel to nozzle tip to help maintain accurate and reliable fill



Fill Vape Cartridges and Bottles



Shown Filling 30ml Bottles with Dual Nozzles / Vessels

Process Description:

Easily and accurately fill capsules, vape cartridges and tincture bottles with liquids and oils. Product is placed in our 316 stainless steel pressure vessel and processed through a dispensing needle valve into your device.

Capsule trays hold 300 capsules, cartridge and tincture trays are custom designed for your device. STI's custom heating system allows for the consistent filling of the difficult to process THC and CBD oils.

Support:

- Engineering, CAD design and Customization of machinery
- One-off prototype, replacement and change parts
- Fast delivery on replacement and change parts
- Validation services for cGMP compliance
- On-site field service and training
- Toll-free technical support

STI RoboFill RF300 Series - TECHNICAL SPECIFICATIONS

Capacity:	1,400 to 7,000 capsules / hour (Depending on model)
Capsule Sizes:	00, 0, 1, 2, 3 & 4
Capsule Tray Capacity:	300 Capsule Tray
Vape Cartridge Tray Capacity:	Depends on the device configuration
Bottles:	30ml (196 Bottles) 15ml (256 Bottles)
Required Air:	85 psi @ approx 1cfm flow
Electrical Requirements:	110-230 volts, single phase, 60 Hz / Current: 2.5mA
Dimensions: (X), (Y), (Z)	500mm x 500mm x 110mm (Work Area) 686mm x 698mm x 590mm (Equipment Area)
Weight (approx)	42 Kg
Pressure Vessel:	1, 2, 4, & 8 Liter (Non-Heated) Vessel Options

Heated Product Vessel - TECHNICAL SPECIFICATIONS

Capacity:	1L (One Liter) and 2L (Two Liter)
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