

THOMPSON DUKE INDUSTRIAL

M C F 2 C

The American-made, CE Certified, and EU-GMP compliant MCF2C Semi-Automatic Filling Machine is foot pedal operated and designed to fill any extract vaporizer device available in the European Union and other global markets.

Versatile

Fill every type of cartridge and POD as well as capsules, syringes and jars. Refill the glass 500mL heated extract reservoir during operation. Adjust the dispense volume precisely up to 1.420 ml. Optional accessories for dispensing from .05mL to 5.0mL. Custom adapters available for septum pierced devices.

Dispense High and Low Viscosity Extracts

Dual automatic digital temperature control with heated extract dispense system regulates extract viscosity at every point of the filling process. Fill high viscosity extracts with extreme accuracy, precision and repeatability. Fine tune dispense speed and force for lower viscosity extracts.

Rapid Extract Formula Changes and System Cleaning

Replace the food safe, laboratory grade, dispense system components in less than one minute to switch extract formulas. Rapidly clean the dispense components with minimal loss. Two full dispense component sets are included.

CE Certified and GMP Compliant

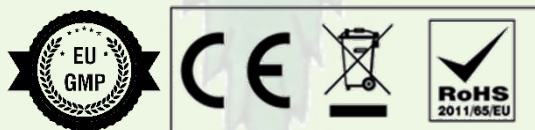
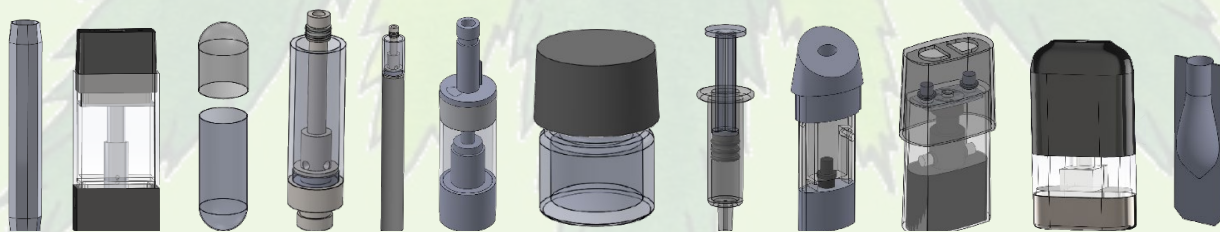
CE Certified and EU-GMP Compliant for operation in the European Union and broader global market.

American-Made

Designed, manufactured, and distributed from the United States of America. Industrial control system with compliant materials and dispense components. Stainless steel check valves custom designed and manufactured specifically for extract filling applications. Exceptional customer support available for the lifetime of the machine.

Portable

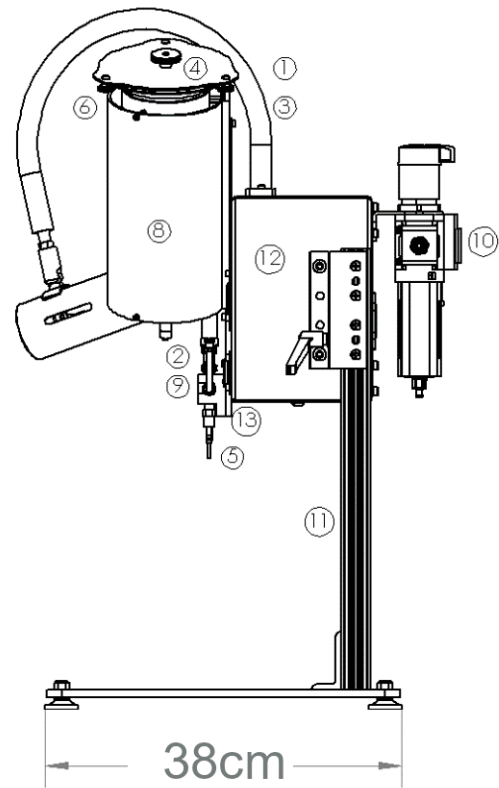
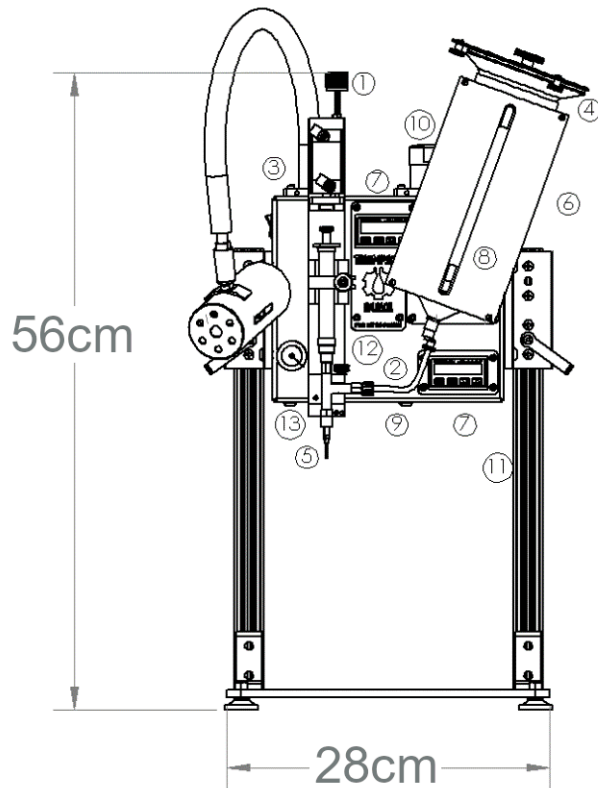
Lightweight and portable benchtop design for quick and easy setup, operation, and cleaning. Foot pedal operated dispense system. Requires 230V/50Hz power and 1 bar compressed air.



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MCF2C AUTOMATIC VAPORIZER FILLING MACHINE

The American-made, CE Certified, EU-GMP compliant MCF2C Semi-Automatic Filling Machine is foot pedal operated and designed to fill any extract vaporizer device available in the European Union and broader global markets.



- ① Quickly adjust the height and fill volume to accommodate any cartridge form factor
- ② Less than 1 mL loss during product changeover
- ③ Adjust the large 1.420mL dispense capacity precisely with a simplified, knob-based dispense volume adjustment. Optional accessories for dispensing from .05mL to 5.0mL.
- ④ Fill high viscosity extracts and distillates with extreme accuracy, precision and repeatability
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- ⑥ The 500mL glass extract reservoir can be filled during operation
- ⑦ Automatic digital temperature control
- ⑧ Heated Extract Dispense System and Product Reservoir adjustable with dual temperature control up to 93C
- ⑨ Laboratory grade, food safe, replaceable components make switching between products quick and simple
- ⑩ Integrated pressure regulator
- ⑪ Portable benchtop design with adjustable height
- ⑫ Aluminum construction and stainless steel enclosure
- ⑬ Heated Duke Valve Mount with integrated temperature control

Height	56cm MAX
Width	28cm
Depth	38cm
Weight	7.25kg
Ambient Temperature	19-49 degC
Glass Reservoir Capacity	500mL
Temperature Range of Reservoir	Ambient - 93 degC
Working Voltage	230VAC 50Hz Single Phase
Power Consumption	150W
Working Min Pneumatic Pressure	3 bar*
Working Max Pneumatic Pressure	15 bar*
Pneumatic Fitting Connection	Universal Female Adapter
Syringe Filler Connection Type	Luer Lock/Luer Slip
Product Loss	<1g

*Air compressor sold separately; use ANSI/ISA-7.0.01-1996 Quality Standard for Instrument Air.

