

10L Extraction Machine Cleaning - Standard Operating Procedures

Exterior and Surface Cleaning

1. Before performing any cleaning or maintenance turn off the system and unplug it from its power source.
2. Use hot soapy water or ethanol with a soft cloth to wipe down the exterior of the system.
3. Use care to avoid water, soap, or other solvents from contacting any of the electrical components.

Cleaning the System Internally

1. Remove all plant matter and extract from the system.
2. Remove the Botanical Basket.
 - The Botanical Basket can be cleaned with a soft plastic brush or cloth along with hot soapy water or ethanol.
 - Allow the Basket to dry before reinstalling.
3. Use a vacuum to remove any plant matter from the Extraction Vessel.
4. Wipe down the inside of the Extraction Vessel with hot soapy water or Ethanol.
 - If soap is used, wipe off any residue.
 - If water is used allow the Extraction Vessel to dry before running the system.
5. Wipe down the inside of the Collection Chambers with hot soapy water or Ethanol.
 - If soap is used, wipe off any residue.
 - If water is used allow the Extraction Vessel to dry before running the system.
6. Clean the plumbing with Ethanol.
 - Pour 1/4 cup of Ethanol into the Extraction Vessel.
 - Close the Extraction Vessel (no Basket or plant material), install the Collection Chambers.
 - Re-pressurize the system with CO2 and operate the system using your standard recipe for a minimum of 2 hours.
 - Shut down your system like normal, de-pressurize the Extraction Vessel and Collection Chambers and clean the Collection Chambers again.

Pump Cleaning

1. If you have an Infinity Supercritical CO2 Pump Cleaner, refer to its operation instructions to clean the pump without disassembly.
2. If you do not have a Pump Cleaner, refer to the pump maintenance video available on our website www.infinitysupercritical.com to disassembly your pump. All pump components can be cleaned using Ethanol.
 - The use of a ultrasonic cleaner is also recommended.
 - It is not recommended to open your pump for cleaning if it is currently functioning properly. Unnecessary disassembly of the pump can lead to premature wear and possible damage.

Back Pressure Regulator Cleaning

1. Refer to the Back Pressure Regulator cleaning video available on our web site www.infinitysupercritical.com to disassembly your BPR. All BPR components can be cleaned using Ethanol.
 - The use of a ultrasonic cleaner is also recommended.
 - It is not recommended to open your BPR for cleaning if it is currently functioning properly. Unnecessary disassembly of the BPR can lead to premature wear and possible damage.

Pump Oil Maintenance

1. Check the oil level in your pump frequently. It should be at least half way up the window visible on the right side of the pump. If the oil becomes dark, or appears to have any foreign matter in it, it should be replaced.
2. Use ISO Grade 100 Mineral Based Oil or equivalent.

