

A10 HotShot Instruction Sheet

A10 System Components

Carefully remove all components from packaging. Components will include:

- A10 Hotshot Cart Filling System
- Anova Immersion Heating Element
- USB Button-Activated SpeedTray
- USB Foot Pedal
- Black Teflon-Coated Oil Reservoir with Lid
- 16oz Bottle of Heat Transfer Fluid
- A10 Power Transformer 110v > 24v 10 amp
- A10 Tool Kit
- CoolJarz™ Transport Case with Wheels

A10 System Assembly

Important: please follow instructions in sequence listed below for all operations.

1. Pour entire 16 oz bottle of blue heat transfer fluid into A10 rear reservoir. (*Note: Pour contents of one full bottle only. Do not add additional fluid*)
2. Slide Anova immersion heating element into rear reservoir containing heat transfer fluid. Approximately half-inch of stainless steel housing will remain visible.
3. Mount black, Teflon-coated oil reservoir onto A10 body. To ensure proper connection, align bottom white shaft with slot in A10, press down firmly until seated, then turn clockwise to lock. Place lid on reservoir. (*Note: Oil reservoirs feature self-sealing, one way non-return valves so you can swap out reservoirs and batches mid run. To remove reservoir, turn counterclockwise to unlock mechanism and lift straight up. Oil reservoirs can be empty, partially full or completely full when added or removed*)
4. Select appropriate injection needle from A10 tool kit. Make selection based on size and shape best suited to style of cartridge, pen or syringe you're filling. Recommend you use the largest diameter needle possible to minimize wear and tear.
5. Install needle at end of oil injection arm by using blue thumb hex socket tool supplied. Do not over tighten as tools are plastic.
6. Plug selected fill switch into left side of injection arm on front of system. Two options are available: An A10 SpeedTray with a microcomputer-controlled, button-activated fill switch, and a microcomputer-controlled, foot-activated fill switch. (*Note: The A10's extended injection arm lets you fill carts directly in cart manufacturer-supplied foam blocks, without the need for one-by-one cart transfer*)
7. Plug round male end of power transformer into rear of A10 HotShot control box.
8. Plug transformer and Anova immersion heating element into switched minimum 10amp-rated power surge strip. (*Note: important that surge strip has an on/off switch, as it will be used to activate and deactivate power to the A10 HotShot system*)
9. Plug power surge strip into standard 110V electrical outlet with at least 10 amps of service.

A10 System Setup

1. Power up A10 system by activating button on power surge strip.
2. Power up Anova heating element by pressing red button on front of display panel. Panel will display white readout when activated. *(Note: Press and hold red button on Anova for few seconds to change from Fahrenheit to Celsius temperature readings. Select scale you prefer)*
3. Pour up to 1,000 grams of pre-heated oil into black Teflon-coated A10 oil reservoir. Cover with Teflon-coated lid. Do not preheat more than your set point on the Anova immersion heater.
4. Adjust desired oil temperature with thumb wheel on front of Anova heating element display. *(Note: Upon initial startup, adjust heat to minimum 140-degree Fahrenheit setting to fully heat system and activate on-board heat switch. Once system is fully heated, adjust thumb switch on Anova to set desired operating temperature at no less than 110-degrees Fahrenheit. The actual oil temperature will vary from the Anova setting by approximately 30 degrees with a 70 degree room temperature.)*
5. Once system is activated, main A10 system touch-control panel will light up to show CoolJarz™ logo, model serial number, etc. Panel will not display operational controls until A10 system and oil is fully heated. *(Note: If attempts are made to operate system prior to full heating, a "WAITING FOR HEATER" message will be displayed)*
6. Once operational controls are displayed on main panel screen, A10 system is ready for use.
7. Use touch screen on main control panel for all inputs.
8. Select **VISCOSITY** from one of three options: olive oil, glycerin and honey. Select the option that best describes the estimated viscosity of your batch at operating temperature.
9. Select **SHOT SIZE** from one of three options: .33 grams, .5 grams and 1 gram.
10. Select **SPEED** using up/down arrows on 5-bar graph. Each bar represents a 20% increase or decrease in fill speed.
11. Select **END COUNT** to input desired number of fills then input the number of fills you wish to perform. Once desired fill count is reached, the A10 HotShot will stop the flow of oil. To reset, press **HOLD TO RESET** for 5 seconds to zero out reading.

A10 System Operation

1. Prime/purge injection system by holding beaker under needle and pressing selected fill switch several times until desired oil increments are achieved.
2. Test cart volume fills by first weighing an empty cart, then weighing again after fill. Use up and down arrows to adjust desired volume. Adjustments can be made in .01 gram increments.
3. Fine-tune fills by adjusting **VISCOSITY**, **SPEED** and **SHOT SIZE** settings to achieve optimum fill rate.