

# CoolJarz™

## A10-HotShot™

### Operating Instructions

#### Models 1500 and 750

Watch  
instructional  
demo video at:  
[hotshot.cooljarz.com](http://hotshot.cooljarz.com)



### Components Include:

A10-HotShot™ Cart Filling System • Anova® Immersion Heating Element • USB Foot-Activated Fill Switch (both models) • USB Button-Activated SpeedTray™ (Model 1500) • Black Non-Stick Coated Oil Tank with Lid • Heat Transfer Fluid (16oz Bottle) • A10 Power Transformer 110v > 24v 10 amp • A10 Component Kit with Tools

### A10 System Assembly:



**1.** Pour 16oz bottle of blue heat transfer fluid into blue rear reservoir on A10. **Note:** Pour contents of one full bottle only. Do not add additional fluid. Change fluid every 6 months



**2.** Slide Anova® immersion heating element into rear reservoir containing heat transfer fluid. Twist slightly to ensure fully seated. Positioned correctly, the three dimples will be level with the top of reservoir.



**3.** Mount non-stick coated oil tank onto A10 body. To ensure proper connection, align bottom white cam with slot in A10, press down firmly until seated, then turn clockwise to lock. Place lid on tank. **Note:** Oil tanks feature self-sealing, one way check valves so you can swap out tanks and batches mid run. To remove tank, turn counterclockwise to unlock mechanism and lift straight up



**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. **Note:** Suggest you use shortest needle possible to lessen pressure on internal piston



**5.** Install needle at injection port by using blue thumb hex socket tool supplied. Do not over-tighten as tools are plastic.



**6.** Plug selected fill switch into USB port on left front side of system. For A10 Model 750, a foot-activated fill switch is supplied. For Model 1500, two options are supplied: an A10 SpeedTray™ with button-activated fill switch and a foot-activated fill switch. **Note:** On A10-HotShot™1500, an extended injection arm lets you fill carts directly in vendor-supplied foam blocks, eliminating the need to transfer carts one-by-one



**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. 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. Button will turn white when activated. **Note:** Press and hold same button for few seconds to switch from Fahrenheit to Celsius temperature readings. Press and hold again to switch back. Select scale you prefer



**3.** Pour up to 1,000 grams of pre-heated oil into black non-stick coated A10 oil tank. Cover with lid.

**4. Model 1500** — Adjust desired oil temperature with thumb wheel on front of Anova® heating element display. Adjustments are available in half-degree increments. **Note:** Upon initial startup, adjust heat to 170-degrees Fahrenheit to fully heat system and activate on-board heat switch. Once system is fully heated, adjust thumb switch to set desired operating temperature at no less than 160-degrees minimum Fahrenheit. **IMPORTANT:** When system is fully heated, actual oil temperature will be 20 to 30 degrees lower than Anova® setting. We recommend you use heat gun to determine actual oil temperature, then adjust Anova® as necessary to achieve desired oil temperature



**5. Model 750** — Adjust desired oil temperature with thumb wheel on front of Anova® heating element display. Adjustments are available in half-degree increments. **Note:** Model 750 is designed for processing low-viscosity oils at temps ranging from 95 to 115 degrees. Actual oil temperature will be 20 to 30 degrees lower than Anova® setting.



**6.** Once system is activated, main A10 system touchscreen will light up to show CoolJarz™ logo, model serial number, etc. Panel will not display operational controls until A10 system and oil are fully heated. **Note:** If attempts are made to operate system prior to full heating, a "WAITING FOR HEATER" message will be displayed



**7.** Once operational controls are displayed on touchscreen, A10 system is ready for use. Use touchscreen for all inputs.



**8. Model 1500** — Select VISCOSITY from one of three options: olive oil, glycerin and honey. Select option that best describes the estimated viscosity of your batch at fill temperature.

**9. Model 750** — Select VISCOSITY from one of two options: olive oil and glycerin. Select option that best describes the estimated viscosity of your batch at fill temperature.

**10.** Select SHOT SIZE from one of three options: .33 grams, .5 grams and 1 gram. A custom setting is also available. **Note:** See "System Operation" instructions below to test and adjust volume fills. Adjustments can be made in .01 gram increments



**11.** Select SPEED using up/down arrows on 5-bar graph. Each bar represents a 20% increase or decrease in fill speed.

**12.** Select END COUNT to 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 container under needle and pressing selected fill switch several times until desired oil increments are achieved. Return test oil to main tank so no waste.



**2.** Test cart volume fills by first weighing an empty cart, then weighing again after fill. Use up-and-down arrows on touchscreen to adjust desired volume. Adjustments can be made in .01 gram increments.



**3. Model 1500** — To fill carts using SpeedTray™, cut vendor-supplied 100-cart foam block in half, place 50-cart block in SpeedTray™, position needle in corner cart, and inject pre-measured fill using on-board switch. Repeat for balance of carts in tray. To use foot-activated fill switch, position needle in cart in 100-cart foam block, fill half the carts, reverse block, then fill remaining carts. **Note:** No need to remove carts from block. If you choose to fill fewer carts so you can cap quickly, simply cut foam block into desired fill quantities



**4. Model 750** — Fill carts one at a time. Remove cart from foam block, position under needle, press foot pedal to inject pre-measured fill, then return cart to foam block.

**5.** Fine-tune fills by adjusting VISCOSITY, SPEED and SHOT SIZE settings to achieve optimum fill rate.



Visit [hotshot.cooljarz.com](http://hotshot.cooljarz.com) for full demo video plus factory-direct pricing!