



ROCKETBOX 2.0

ADVANCED PRE-ROLL PACKING & FILLING



ROCKETBOX 2.0™

USER MANUAL V1.3



Sesh Technologies Manufacturing, Inc.
3223 North Market Street, Spokane, WA 99207
Phone: (509) 204-3164 | Web: www.stmcanna.com

WEIGHT & DIMENSIONS	Approximately 300 lbs Machine Dimensions 24" L x 37" H x 27" W
VOLUME CAPACITY	453 Pre-Rolls Every Cycle
POWER	Standard 110V 8 Full Load Amps 5-1/2 ft. Cord Length
MATERIALS	Encased in SAE 304 Stainless Steel Heavy Duty Caster Wheels (for transport) Aluminum & Other Food Grade Components
CYCLE CUSTOMIZATION	Single Cycle Operation with Customizable Run Settings
PAPER COMPATIBILITY	Compatible with 84, 98, and 109 mm cones
SOFTWARE & UPGRADES	HD 7" Responsive Touch Control Panel with Data Log and Remote Access Capabilities
TRAINING	Integrated Training Mode with Step-by-Step Tutorials
COMPLIANCE	OSHA Compliant UL-Listed Components 100% Food-Grade Emergency Stop System
LIFE CYCLE	10 Years
OPERATION	Patent-Pending Pneumatic Leveling System

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Thank you for being a valuable and loyal client of STM. Our goal is to bring our customers the very best in product quality and customer service. We value your feedback and use it to evaluate what to improve and/or update in our existing product line.

Please be advised that the RocketBox™ has a direct funneling system into your selected pre-rolls when used properly. This means that contaminate-free material being funneled from the Top Trays into your pre-rolls will remain contaminate-free through the direct filling process. The Top Tray funnels are directly inserted into the opening of your pre-roll cones and do not allow anything other than what is being fed onto the Top Tray.

Even with the direct funneling system, there is a break-in period of 400 hours before any material passes through the "crutch" or bottom of the pre-roll onto the bottom of the "shaker box". This material could be reused, but should still be visually inspected for debris. Although we inspect each and every part before it is sent; due to the intense vibration, the break-in period is required.

PLEASE ADHERE TO THE RECOMMENDED GUIDELINES TO BREAK-IN YOUR ROCKETBOX™

- 1** After you have set up your RocketBox™, proceed to run multiple cycles without material (at least 5 per set of trays using different intensity setting on the motor) with each of your tray systems and watch for debris in-between the trays and in the shaker box bottom.
- 2** After the un-boxing and the initial break-in, you may proceed with use of the RocketBox™ for the first 400 hours of operation. Until the 400 hour point has been reached, discard all materials which have dropped inside the bottom of RocketBox™. Run time is located on the start screen.
- 3** After the 400 hours required for proper break-in you may reuse the material that has been collected in the bottom of the shaker box only after visual inspection for debris has been made.
- 4** Visual inspection should always remain part of the operation of your RocketBox™. Although we use food-grade materials for direct contact surfaces, due to intense vibration and moving parts, they may still have debris and must always be inspected.



- 1. Rubber Flaps** - Prevents material from falling into the base of machine.
- 2. Guide Rods** - Used for guiding the top and bottom trays into machine.
- 3. 7" Touch Screen** - Used for the operation of machine.
- 4. Ports** - Ethernet, USB, and AUX connectivity.
- 5. Power Switch** - Turns the machine on and off.
- 6. E-Stop Button** - Turns the machine off in case of an emergency.
- 7. Casters** - Swiveling caster wheels for easy mobility.

8. Loading Box - Holds bottom tray to load cones and unload top tray.

9. Top Tray - Placed on top of bottom tray. Only used for machine operation.

10. Bottom Tray - Cone holding tray (84, 98, or 109 mm cones).

11. Finishing Base - Holds bottom tray for unloading cones.

12. (2) Reset Brackets - To reset the adjustable top tray to default settings.

13. (4) Riser Bolts - Adjusts the lift plate for 84, 98, or 109 mm cones.

14. (1) Density Beaker - 10 mL beakers used to run density tests.



12. Reset Brackets



13. Riser Bolts



14. Density Beaker

The Adjustable Top Tray gives the ability to refine and control the weight of the pre-rolls. This tool allows the operator to lower and raise the funnels in and out of the paper cones, which will increase or decrease the overall volume of the pre-rolls.

The RocketBox 2.0 is pre-installed with an Adjustable Top Tray. The default adjustment is set at $\frac{1}{4}$ ", easily adjusted with a $\frac{7}{16}$ " end wrench.

ADJUSTING THE TOP TRAY

- 1** Loosen the bottom nut on the Adjustment Bolt with a $\frac{7}{16}$ " closed-end wrench. Repeat with each of the (6) bottom nuts.
- 2** Turn the Adjustment Bolt counter-clockwise to lower the Top Tray, or clockwise to raise the Top Tray. Turn each bolt in $\frac{1}{2}$ turn increments. Repeat for all (6) Adjustment Bolts.
- 3** Tighten the Adjustment Bolt bottom nut with $\frac{7}{16}$ closed-end wrench to secure into place. Repeat with all (6) bottom nuts.

ADJUSTABLE TOP TRAY IS EQUIPPED WITH:

- **(6) $\frac{1}{4}$ " Adjustment Bolts**
- **(6) $\frac{1}{4}$ " Bottom Nuts**
- **(2) Removable Reset Brackets**

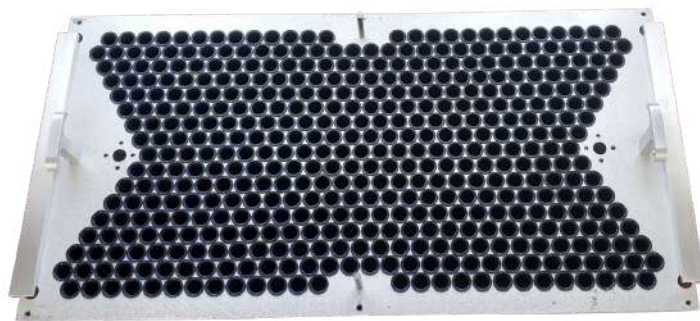
RESETTING THE TOP TRAY

- 1** Add the (2) Reset Brackets to each side of the Bottom Tray. Place Adjustable Top Tray on top.
- 2** Loosen Adjustable Bolt bottom nut with a $\frac{7}{16}$ closed-end wrench. Repeat for all (6) bottom nuts.
- 3** Turn the top Adjustment Bolt clockwise (right) until it touches the Bottom Tray. Tighten the bottom bolt to lock into place. Repeat with all (6) bolts. This is the default $\frac{1}{4}$ " setting.
- 4** Ensure all (6) Adjustment Bolts are evenly adjusted. Tighten bottom nuts to secure into place.



Included Reset Brackets

The RocketBox 2.0 includes (2) removable Reset Brackets to reset the height of the Top Tray to the default 1/4" setting.



Placement of Reset Brackets

Reset Brackets fit in between the Top and Bottom Tray. Make sure to keep the Reset Brackets in a convenient location for future adjustments.



Placement of Adjustable Bolt

The Adjustable Bolt touches the Bottom Tray with the default 1/4" adjustment. Ensure all (6) bolts are adjusted evenly.

TRAY ASSEMBLY

Top Tray



Bottom Tray



Loading Box



The Lift Plate rests on the bottom of the shaker box to help level the cones for even filling.

The Lift Plate uses (4) Riser Bolts to adjust for 84 mm, 98 mm, and 109 mm tray sizes. The Lift Plate is set for 109 mm by default.

Please ensure the correct Riser Bolts are installed prior to use.



ADJUSTING THE LIFT PLATE

- 1** Remove the (4) flathead screws with a 5/32 Allen wrench and remove the Lift Plate completely from the shaker box.
- 2** Install the Riser Bolts (4) onto the fixed riser bolts on the bottom of the shaker box. The 84 mm 'B' Riser Bolts are longer, whereas the 98 mm 'A' Riser Bolts are shorter.
- 3** Align and re-install the Lift Plate, securing in place with the (4) flathead screws using a 5/32 Allen wrench.



'A' RISER BOLTS
Used for 98 mm cones



'B' RISER BOLTS
Used for 84 mm cones

SUGGESTED TOOLS AND ACCESSORIES

- Scoop for Material
- Shop Vac
- Stainless Steel Chopsticks
- 70%+ Isopropyl Alcohol
- Thousandths Scale
- Spray Bottle
- Pipe Cleaners
- Collection Bin

PREPARING WORK AREA

The space required for pre-roll production varies based on volume needed. See the suggested work areas below:

Grinding Area

Material Prep for RocketBox™ use

Loading Area

Dedicated to loading cones into Bottom Trays

RocketBox Area

For trained person(s) to operate the RocketBox™

Packing Area

Dedicated to closing and packaging cones

POWERING ON THE ROCKETBOX

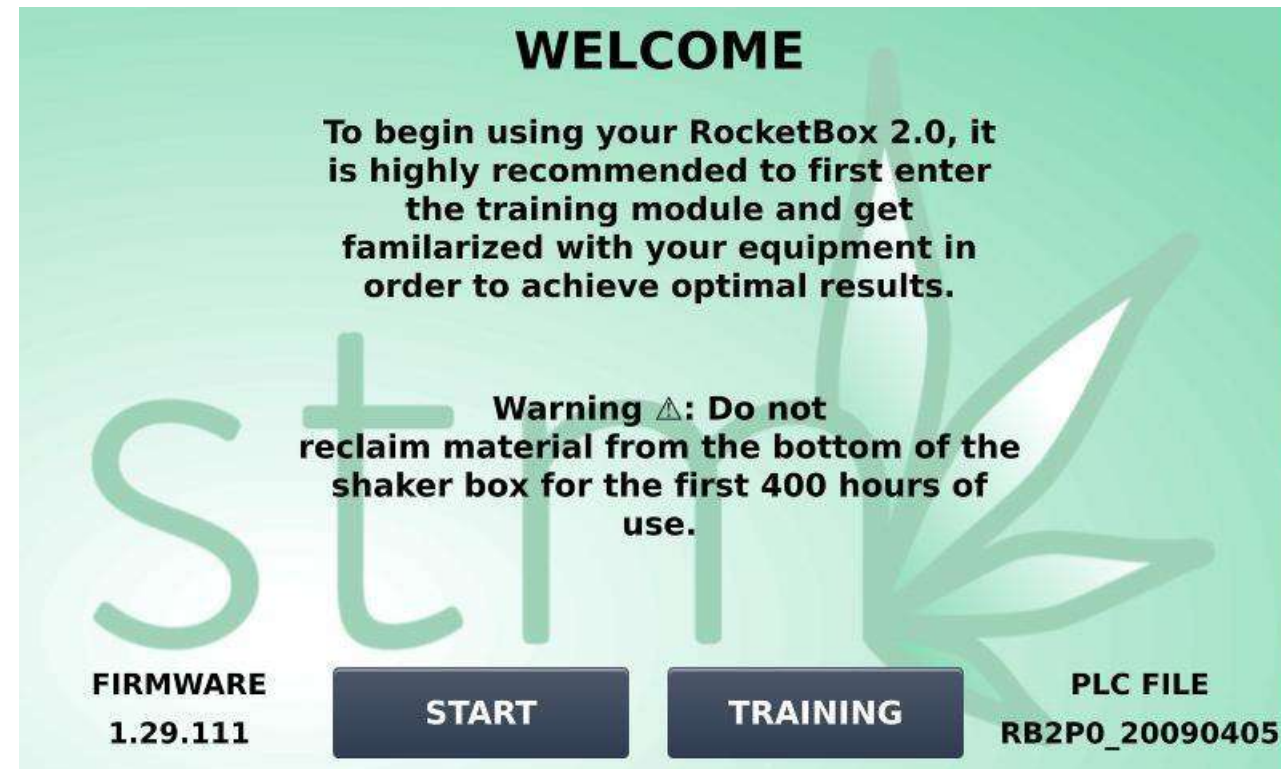
- 1** Power on the RocketBox by plugging it into a 120v outlet.
- 2** Turn the power button clockwise. The arrow will point upwards.
- 3** Once the machine is plugged in, the touch screen will begin powering on.



Power OFF



Power ON



WELCOME SCREEN

The welcome screen will appear after powering on the machine. Select START to begin a new cycle or select TRAINING to view the training module.



TRAINING MODULE

Select USER MANUAL to view the manual, or select TRAINING VIDEOS to access the full series of RocketBox™ training videos.

DATA TABLE									Enter Array On
#	Measured Value	Speed	Pressure	Cycle Time	Cone Size	Variance	Operation Time	Date	
0	0.1820	100.0	89.0	130.000	109.0	10.0	3.5	06/09/00	
1	0.1820	100.0	89.0	60.000	109.0	10.0	3.5	06/09/00	
2	0.1820	100.0	75.0	60.000	109.0	10.0	3.4	05/09/00	
3	0.1820	95.0	70.0	60.000	109.0	10.0	3.4	05/09/00	
4	0.1820	100.0	70.0	60.000	109.0	10.0	3.4	05/09/00	
5	0.1800	65.0	80.0	60.000	109.0	10.0	3.4	05/09/00	

PREVIOUS

DATA LOG

Records the settings of the last 100 runs. Additionally, the data log can be used for troubleshooting purposes.

EVALUATE INFORMATION

Density too heavy?

If density is too heavy, decrease your cycle run time. If this does not work, try the options below. You may need lighter or larger particle sized material.

Options:

- Grind new material using a larger screen (Revolution).
- Blend in lighter or larger particle size material.
- Refer to density chart, you may be able to use this density on another pre roll weight.

Please refer to your video library on this subject and many more.

PREVIOUS HOME TRAINING

EVALUATE INFORMATION

Gives additional information and tips to improve density numbers.



STARTUP MENU

The startup menu will appear after selecting START on the Welcome screen. On this screen, the operator will select the cone size and weight variance preferred. Additionally, the operator can view total operation hours of the machine, target density and weight of the material, training and data logs.

Cone Size

Paper and tray size in use

Weight Variance

Acceptable weight range of finished product

Operation Hours

Displays the total run time of the machine

Target Density

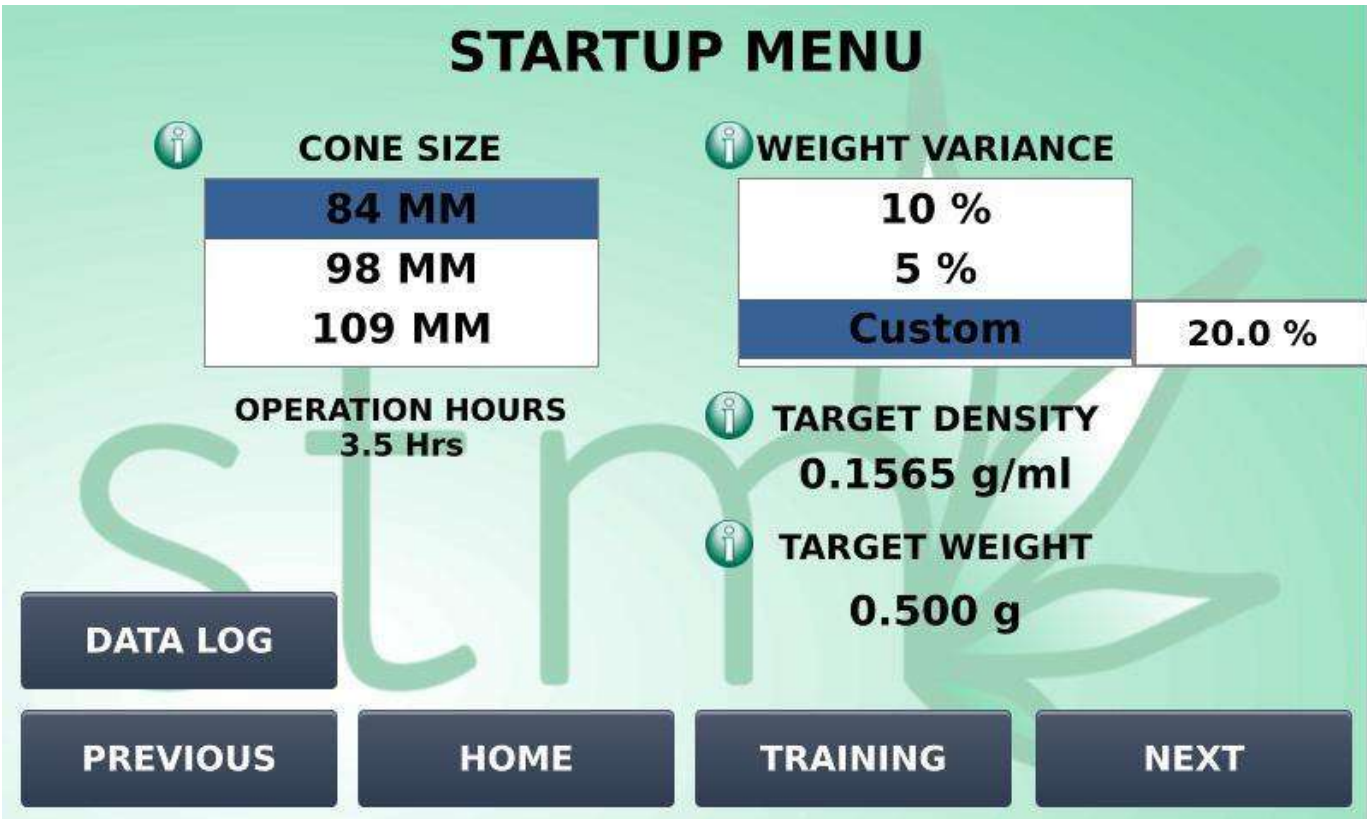
Average density for the selected cone size

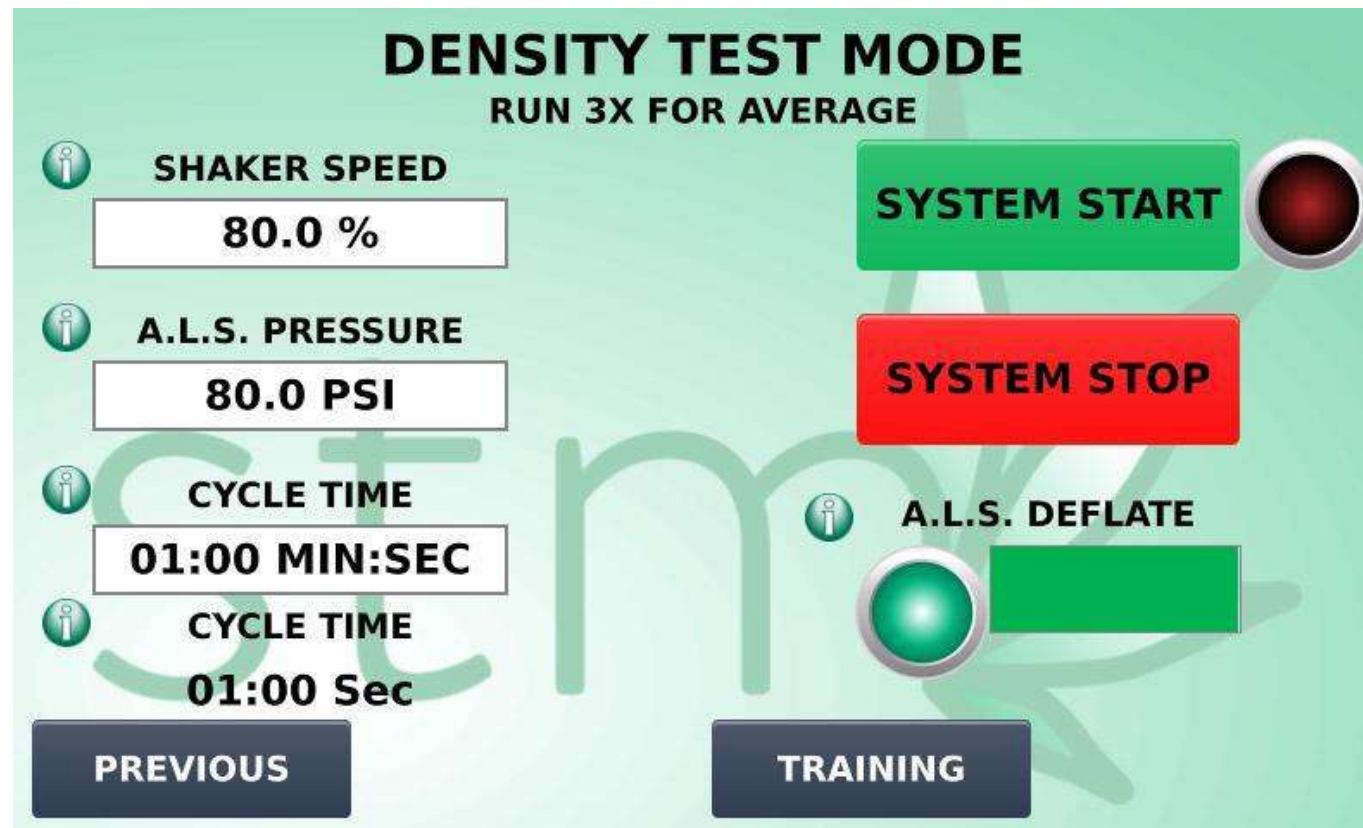
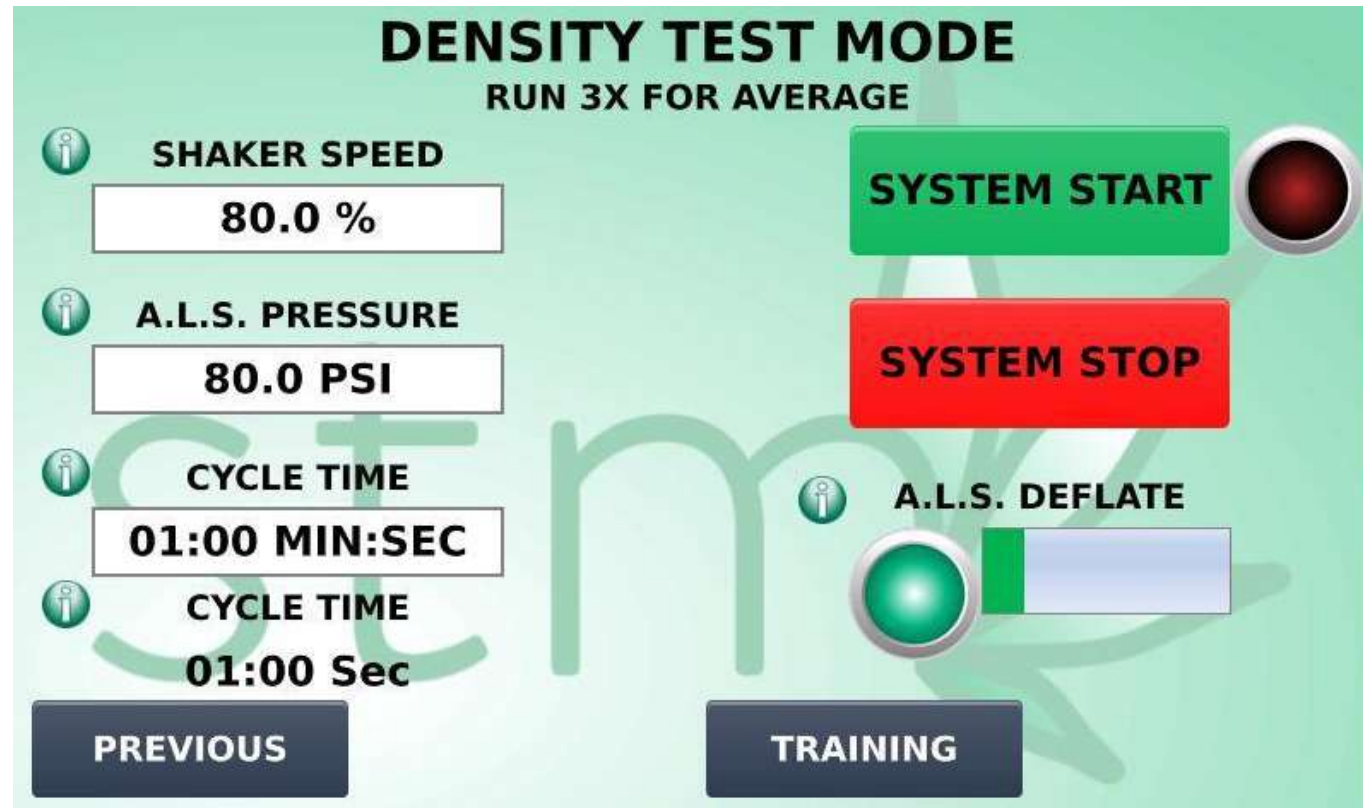
Target Weight

Target weight for the selected cone size

Data Log

Displays data from up too 100 previous cycles, including density (measured value), speed, pressure, cycle time, cone size, variance, operation time, and date.





DENSITY TEST MODE

To attain the variance goal, performing a density test is crucial for success. We recommend running the density test mode **THREE TIMES** to obtain the average.

Shaker Speed

Vibration intensity range of 10-100%

A.L.S. Pressure

Measured air level system PSI range of 60-95 PSI

Cycle Time

Desired time per run

System Start

Starts the system

System Stop

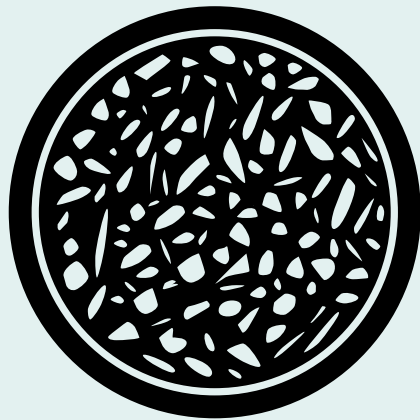
Stops the system

A.L.S Deflate

Air leveling system deflate time

Note: DENSITY TEST MODE screen will lockout after three density runs. Restart the machine to run additional density tests.

The RocketBox™ 2.0's built-in Density Calculator assists with reaching targeted weight accuracy based on density of material.



WHAT IS DENSITY?

Density is a characteristic property of a substance. The density of a substance is the relationship between the mass of the substance and how much space it takes up (volume).

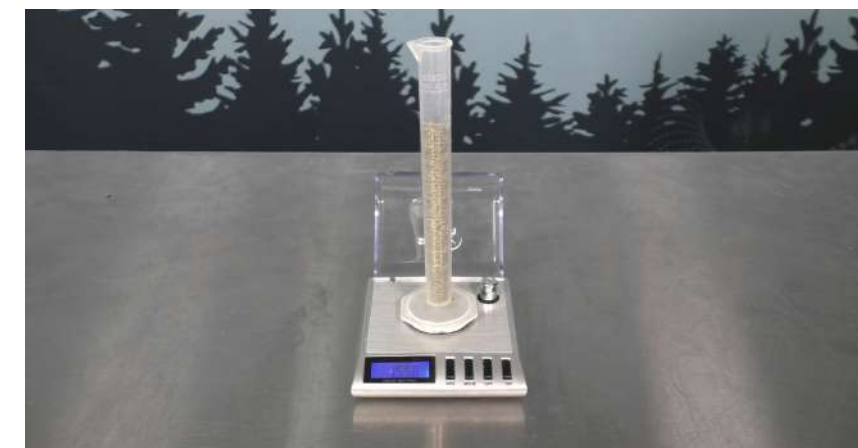
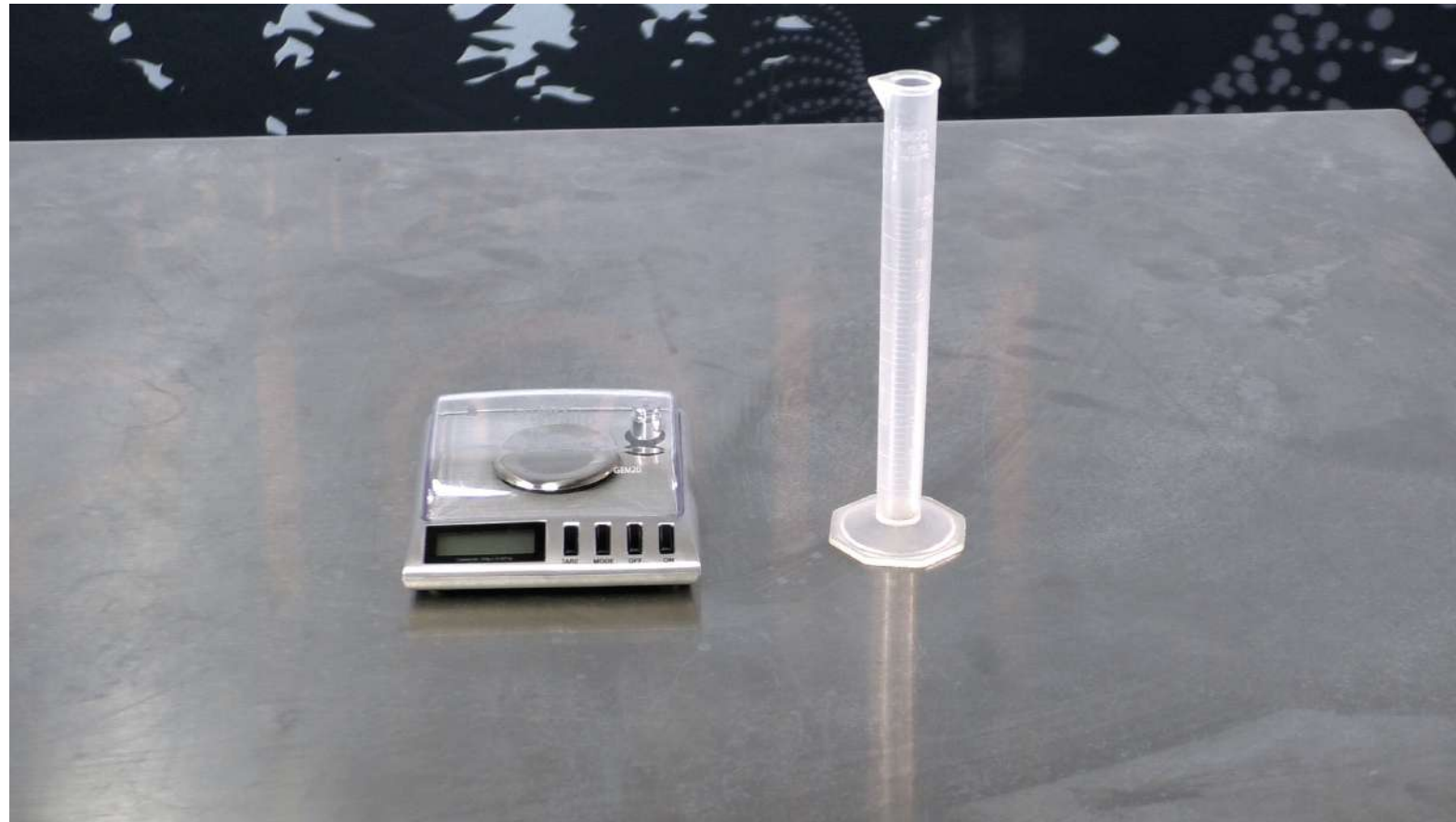
WHAT IS DENSITY TEST MODE?

Density test mode ensures pre-rolls meet their target weight. This increases accuracy and minimizes variance across all 453 pre-rolls.

PERFORMING A DENSITY TEST

- 1** Tare empty 10 mL beaker on thousandths scale.
- 2** Fill the included beaker up to the 10 mL line with ground material.
- 3** Add material to the beaker until it reaches the 10 mL fill line, begin the programmed density test while holding the beaker on the shaker box.
- 4** Continue adding material until it settles at the 10ml fill line while the beaker is vibrating in the machine.
- 5** Remove beaker from machine and place onto the scale with torn beaker weight. Weigh beaker with material inside on the thousandth scale. Move the decimal one place to the right - this will be the calculated density number used for the packing and filling stage.

Example: If the scale weight is 1.590, input 0.1590 into the MEASURED DENSITY setting.



⚠ Helpful Tips

- Repeat density test 3x and average out for optimal results.
- Hold beaker in place during density testing.
- It is recommended to use a thousandths scale for accuracy.

- 1 Insert the tray into the RocketBox™. Add washers and wingnuts to secure in place.
- 2 Adjust the settings on the touch screen if necessary. The default settings provide a good starting point. Select NEXT.
- 3 Select SYSTEM START to run the cycle. The airbags will begin to inflate. Once inflated and the vibratory motor starts, CYCLE TIME countdown will begin.
- 4 Pour material onto Top Tray and spread evenly to fill all of the cones. This step may need to be completed quickly, depending on the cycle time. The key is to have enough material to fill the entire Top Tray to ensure all cones optimally fill and pack.
- 5 After the cycle is complete, an option to REPEAT RUN (same settings as previous cycle) or start a NEW RUN (start from beginning) will appear.



Helpful Tips

- Sift material for better quality pre-rolls.
- ALS PSI may display 1 to 2 points lower than settings.
- Prepare material ahead of time for maximum efficiency.

LOADING CONES

Always use good quality paper cones and discard all papers that appear to be defective.

- 1 Place the Bottom Tray into the Loading Box.
- 2 Carefully drop cones into the Bottom Tray. Discard any cones that appear bent, crushed, or otherwise defective.
- 3 Add the Top Tray. Lift the trays together and carefully place into the RocketBox™.



UNLOADING CONES

Once the cycle in the RocketBox™ is complete and the PSI is at zero, it is safe to unscrew the wingnuts, remove the washers, and remove the combined trays.

- 1 Remove trays and place into Loading Box. Set the Top Tray aside.
- 2 Remove the Bottom Tray from the Loading Box. Carefully place it onto the Finishing Base. The Finishing Base pushes the cones upwards for easier ejection and closing.



WARNING: Do not remove plastic cones from Top or Bottom Tray - you may risk voiding your warranty.

HOW TO CLEAN

Each tray can be separated and cleaned using regular soap and water, removing all residue. To clean stainless steel, use isopropyl alcohol and a soft cloth. Saturate the rag with at least 70% isopropyl alcohol and wipe down all areas thoroughly.

Clean as often as needed or required. Set the RocketBox™ on regular cleaning schedule, dependent on use and materials.

- 1** Use a 3/16 Allen wrench to remove the lift plate from the bottom of the shaker box.
- 2** Vacuum the bottom of the shaker box, Top Tray, Bottom Tray, and Loading Box.
- 3** Spray and wipe the Lift Plate, shaker box, Finishing Base, and trays with at least 70% isopropyl alcohol solution.

PURCHASING TERMS & CONDITIONS

All products are first-come-first-serve and that receipt of payment is required in order to receive a confirmed shipping date in the queue. Due to high demands, certain items may have a lead time of 4-8 weeks or more from payment date, unless otherwise stated. Following the receipt of an invoice, STM Canna must receive payment within a maximum of 7 days before the invoice expires – leaving lead times, quoted prices, specials and discounts on all items subject to change. If a deposit is applicable for any special reason, my deposit is non-refundable. Purchaser agrees to adhere to the Customer Awareness Program and Terms of Business herein.

CUSTOMER AWARENESS PROGRAM (C.A.P.)

STM takes pride in the products we make and the services we offer. To ensure our customers fully understand the services we provide, along with the capabilities and expectations of our products, we have executed and outlined the Customer Awareness Program contents below: A 12-month warranty on each product that is applicable with regards to manufacturer's defects, including parts and labor. STM Client Services department is dedicated to ensuring the success and satisfaction of all STM clients. As such, product on-boarding programs are provided to familiarize our clients with their new equipment. STM Tech department provides our clients with all software updates, phone support and onsite support, as needed. Training (RocketBox) with our technicians to train your staff on best practices to accomplish your desired results for a quality finished product. An easy-to-use client portal with tools such as product F.A.Q.'s and Best Practices, along with an extensive video library to help guide you towards success with your STM equipment.

EXPECTATIONS AND CAPABILITIES OF YOUR STM EQUIPMENT: STM ROCKETBOX

With training from our on technical training staff, you can expect to receive a complete and comprehensive training program to educate your team on best practices, as well as the cleaning and maintenance of your machine and accessories. By following the guidelines provided to you via the user manual and training, you will be able to produce a quality and consistent product that will be easily repeatable. The shaker box within the machine contains an area where material may escape during operation. With the 400 hour break-in period, STM advises against re-purposing this excess waste due to potential metal contaminants residing in the shaker box from regular usage. Results are not guaranteed and can greatly vary from operation to operation.

WHO IS COVERED?

With step-by-step training videos and resources, you will receive access to best practices, of running the equipment, as well as guidance on the cleaning and maintenance of your machine and accessories. By following the guidelines provided to you via the user manual and training videos, you will be able to produce a quality and consistent product that will be easily repeatable. The shaker box within the machine contains an area where material may escape during operation. STM advises against re-purposing this excess waste due to potential metal contaminants residing in the shaker box from regular usage. Results are not guaranteed and can greatly vary from operation to operation.

EXTENT OF WARRANTY

There are no warranties on paper products. Machines come with a 1-year parts and labor warranty. See Returns below.

TROUBLESHOOTING

- Reference your instruction sheet and double-check all instructions.
- Always take time to examine problems in detail.
- When all else fails, please call the STM technical support line at (509) 204-3164 or email us at clientservices@stmcanna.com.

The technical line is open 8:00am – 4:00pm Monday through Friday, Pacific Time. Please have the following information handy: Name of Company the purchase was made under, Date of Purchase, and Serial number.

TERMS

All orders must be paid in full before the order is placed. Order quotes expire within 10 days. STM Canna & STM Supply reserve the right to specify collection by certified check, money order, or company check. Personal checks are not accepted.

RETURNS

No Refunds/Exchanges: We do not accept returns or exchanges unless the item purchased is defective. No item will be accepted for return without prior approval. All approved returns must be accompanied with a return authorization (RA) number and must be in new and unused condition. All RA numbers must be clearly displayed on the outside of the box. All returns are subject to restocking fees, not to exceed 20% unless damaged. Refunds are issued in the form of like payment. All refused shipments are subject to a 20% restock fee and all applicable freight charges. All items that we ship are insured; if an item comes that is damaged from shipping, we will work closely with you to get you replacement parts as soon as possible. We may also request pictures or other identifying information to establish that damage was caused by the shipping carrier.

If you receive an item you believe is defective, please contact us with details of the product at (509) 204-3164 or email us at clientservices@stmcanina.com.

We may ask you for pictures, video, descriptions, and other identifying information to make a determination. If you are unable to provide adequate documentation requested, your return request will be denied. If your item is deemed defective, which is solely at STM's discretion, we will issue you an RMA # which you will need to place in and on the package. After receiving your RMA #, you may send the item to:

STM Canna
3223 North Market St.
Spokane, WA 99207

Upon receipt of the returned product, we will fully examine it and notify you via e-mail, within a reasonable period of time, whether you are entitled to replacement as a result of the defect. If you are entitled to a replacement, we will replace the product at no additional cost to you.

SHIPPING

All orders must be paid in full before the order is shipped. Order quotes expire within 10 days. Orders received will fall in line and be serviced accordingly where the shipment date may be sooner than originally quoted. We will ship by the most reasonable means based on the volume of the order, unless otherwise specified.

SPECIAL ORDERS

All special-order items must be paid in full before the order is placed. These items are non-returnable and no refund will be given. All special-order items will also take a longer period of time for the customer to receive, which will be quoted at the time of payment.

LIABILITY

The purchaser of any products releases the manufacturer of those parts and STM Canna from all liabilities pertaining to use of the products.

CLAIMS

Since ownership of product transfers at the FOB point, claims for damaged, lost, or short shipments must be made at the time of receipt.

TECHNICAL QUESTIONS

Since ownership of product transfers at the FOB point, claims for damaged, lost, or short shipments must be made at the time of receipt.