



LAUNCHPAD

ADVANCED PRE-ROLL SCALE



USER MANUAL V2.3

Please be aware that the LaunchPad weighing scale is a delicate machine and must be handled with the utmost care to prevent any potential damage. Due to the sensitivity of the Launchpad, it is required to have a direct connection to an outlet and an Uninterruptable Power Supply. Failure to do so will void your warranty.

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LAUNCHPAD™
USER MANUAL V2.3



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Manufacturing, Inc.
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Sales: (509) 204-3165
Web: www.stmcanna.com
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support@stmcanna.com

<u>WEIGHT & DIMENSIONS</u>	Approximately 40 lbs Machine Dimensions 40" L x 24" H x 18" W
<u>VOLUME CAPACITY</u>	72 pre-rolls at once Combatable with 70, 84, 98, and 109 mm cones
<u>POWER</u>	Standard 110V 3 Full Load Amps 5 ft. Cord Length
<u>MATERIALS</u>	Encased in 60/61 Food-Grade Aluminum Stainless Steel Components
<u>POWER SUPPLY & MOTORS</u>	UL, CE listed
<u>SOFTWARE & TECHNOLOGY</u>	HD 7" Responsive Touch Control Panel with Data Logging. 20" Heads-Up Display Screen
<u>TRAINING</u>	Video tutorials available
<u>COMPLIANCE</u>	OSHA Compliant UL-Listed Components 100% Food-Grade

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Thank you for being a valued STM customer. We strive to provide the best product quality and customer service, and your feedback is important to us.

The STM Canna LaunchPad Scale is a precision instrument designed specifically for the cannabis industry, providing accurate weight measurements for pre-roll production. As a highly sensitive instrument, it must be handled with care.

Failure to adhere to the guidelines in this user manual may result in inaccurate measurements and suboptimal performance.



GETTING STARTED

Inside the crate, you'll find the Launchpad machine, a 120V power cable and a power cable for the monitor

TRAINING VIDEOS:

A video is available online at for this machine. It is recommended that this manual be used in conjunction with it. When looking for a specific operation, refer to the time index listed at the bottom of each section in this manual.

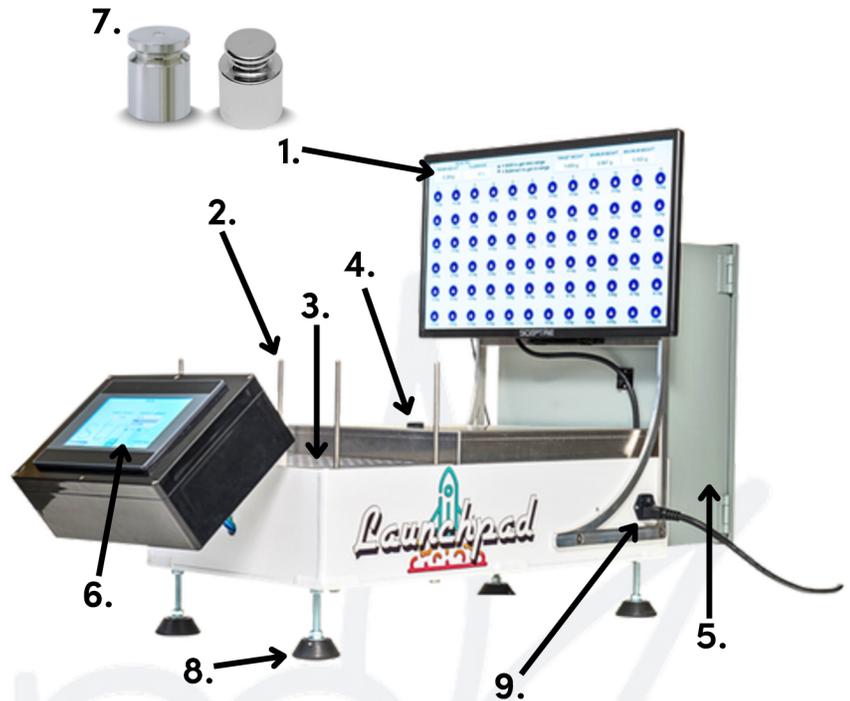
Link: bit.ly/2mrR0sA

Important Note: Due to the sensitivity of the Launchpad, it is required to have a direct connection to an outlet and an Uninterruptable Power Supply. This will ensure you have a solid flow of energy to the machine, and you will see more stable results. (see page 5) If you do not have one, they can be purchase directly from our store: <https://stmcanna.com/shop-pre-roll-machines-and-grinders/CyberPower-UPS-System-850VA-510W-p662247135>



Please be aware that the LaunchPad weighing scale is a delicate machine and must be handled with the utmost care to prevent any potential damage. Due to the sensitivity of the Launchpad, it is required to have a direct connection to an outlet and an Uninterruptable Power Supply. Failure to do so will void your warranty.

1. Monitor- Displays each load cell's status and weight.
2. Guide Rods - Guides and holds the tray of pre-rolls for weighing.
3. Load Cell Pad - Guides pre-roll crutches onto the load cells below.
4. Level Plate - Ensures machine is level.
5. Electrical Box - Houses the internal electrical components.
6. Touch Screen - 7" control panel used to initiate the operation of the machine and customize settings.
7. Weights & tweezers - 1gm & 10gm weights used for testing & recalibration.
8. Rubber Feet - Adjustable to ensure a level operating surface.
9. Power switch - On and off button.



Helpful Tips

- Higher quality cones ensure a higher success rate.
- STM recommends using Zig Zag brand cones or other reputable rolling paper manufacturers with the Atomic Closer.
- If damaged cones are found after the filling process, remove them from the loading tray before running the tray through the machine.



Always use STM equipment in a well ventilated area.



OPERATIONAL CONDITIONS:

Understanding the LaunchPad's sensitivity is crucial for maintaining its precision and accuracy, which is best achieved in a controlled environment. To ensure optimal performance, adhere to the following conditions:

- **Due to the sensitivity of the LaunchPad, it is required to have a direct connection to an outlet and an Uninterruptable Power Supply.**
- **Temperature Control:** Operate the balance scale within a temperature range of 20°C to 25°C (68°F to 77°F) to minimize thermal expansion and contraction that can affect accuracy. Reduce airflow in the room.
- **Humidity Maintenance:** Keep humidity levels between 40% and 60% to prevent moisture-related issues like condensation, which can impact the scale's performance.
- **Sunlight and UV Protection:** Protect the scale from direct sunlight or UV radiation to avoid material degradation and sensitivity issues. Keep it away from windows.
- **Recalibrate when necessary.**

Allocate a dedicated, sturdy, level workspace for the scale to enhance precision and minimize external disturbances. Ensure the table is free from vibrations and not prone to movement. Exercise caution when moving or transporting the balance scale, as its delicate nature may require recalibration.

CALIBRATION (IMPORTANT)

When you receive your LaunchPad, you'll need to calibrate the scales located beneath the load cell pad to ensure proper functionality. Although the necessary tools and weights are included for self-calibration, STM recommends having the calibration performed by our client service technicians or guided by them via video call.

To schedule a calibration or inquire about the process, contact client services at (509) 204-3164 or email support@stmcanna.com.



USING THE LAUNCHPAD

1. Turn on the machine using the on/off switch located on the side.
2. On the touchpad, enter your target weight by pressing the "NET WEIGHT" selection.
3. Choose your desired weight variance from the provided options (5% or 10%) or input your own by selecting "CUSTOM."
4. Weigh an empty cone on a separate digital scale, tare and record the measurement.
5. Press "TARE WEIGHT" on the screen and input the weight of the empty cone.
6. Press the green "TARE ALL" icon.
7. Carefully place a loaded 72-count tray of filled pre-rolls onto the four guide rods and lower it until the tray rests on the load cell pad.
8. Observe the screen and set aside any pre-rolls that don't meet your desired weight. These over/underfilled pre-rolls can be placed in a separate bottom tray and run through your RocketBox again.
9. Note the LaunchPad's readings and make any necessary adjustments to your filling procedure (e.g., more or less material, higher or lower top tray height).
10. Remove your bottom tray.
11. Select "TARE ALL" before each and every tray weigh.

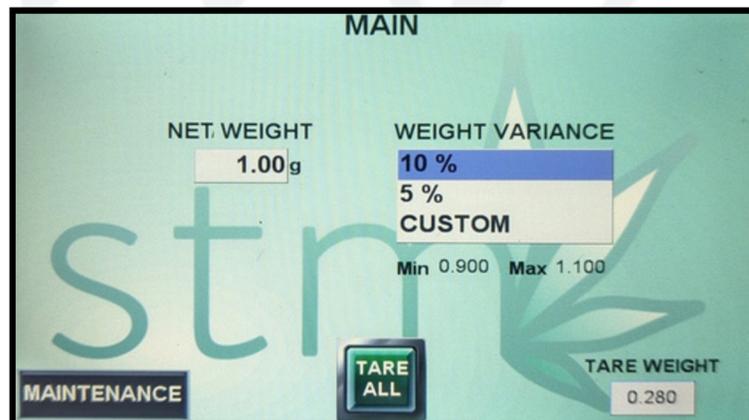
NOTE: When the filled bottom tray is resting on the load cell pad, it is normal for the pre-rolls in the tray to sit at various heights, as the scales under the pad are purposefully staggered.



**BLUE/UP
SYMBOL**
Underweight



**RED/DOWN
SYMBOL**
Overweight



Helpful Tips

- STM recommends powering the machine "OFF" at all times, except for the monitor. The touch screen will enter screen saver mode after 10 minutes.
- If the machine is powered off, allow 30 minutes for the LaunchPad to warm up before use.

SAFETY PRECAUTIONS

General Safety:

- Only trained and authorized personnel are permitted to operate STM Canna pre-roll machinery
- Never operate the machinery if you are feeling unwell, fatigued, or under the influence of drugs and alcohol
- Familiarize yourself with the machine's operating manual and emergency shutdown procedures before operation
- Keep the work area clean and free of debris
- Report any malfunctions or safety hazards immediately to the supervisor
- Do not attempt to repair or modify the machinery unless specifically authorized and trained

Ventilation:

- All STM Canna pre-roll machines must be operated in a well-ventilated area. Ensure adequate airflow to minimize the accumulation of dust, kief, and other airborne particles. This may require the use of a local exhaust ventilation (e.g., dust collection systems) in addition to general room ventilation
- Regularly inspect and maintain ventilation systems to ensure their effectiveness

Personal Protective Equipment (PPE):

- The following PPE must be worn at all times when operating or near the STM Canna pre-roll machinery
 1. Safety glasses: ANSI Z87.1 approved safety glasses with side shields are required to protect against flying particles
 2. Dust Mask/Respirator: A NIOSH-approved N95 or higher respirator or dust mask is required to protect against inhalation of dust and kief. (Specify the appropriate respirator type based on risk assessment and consultation with safety professionals. Higher levels of protection, such as powered air-purifying respirator (PAPR), may be required depending on the environment and materials being processed.)
 3. Gloves: Appropriate gloves (e.g., nitrile, latex-free) should be worn to maintain hygiene and prevent contamination of the product
 4. Hearing Protection: If noise levels exceed 85 dbA, hearing protection (e.g., earplugs or earmuffs) must be worn. Conduct a noise assessment to determine the required level of protection
 5. Lab Coat/Smock: A lab coat or smock is recommended to protect clothing from contamination

Machine-Specific Safety:

- Never bypass or disable safety interlocks, sensors, or guards
- Ensure all guards and safety features are in place and functioning correctly before starting the machine
- Keep hands and other body parts away from moving parts
- Do not reach into the machine while it is operating
- Use caution when handling sharp objects or tools



SAFETY PRECAUTIONS

CONTINUED

Fire Safety:

- Keep flammable materials away from the machinery
- Ensure fire extinguishers are readily available and personnel are trained in their use
- In case of fire, follow established emergency procedures

Pre-Operation Checks:

- Inspect the machine for any damage or missing parts
- Ensure all safety guards are in place and functioning correctly
- Verify that the area around the machine is clean and free of obstructions
- Check the material to be processed for any foreign objects
- Turn on the ventilation system
- Put on required PPE

Operation:

- Follow the manufacturer's operating instructions for the specific machine model
- Do not force any parts of the machine
- If the machine malfunctions, stop operating immediately and report the issue to the supervisor

Post Operation:

- Turn off the machine and disconnect it from the power source
- Clean the machine according to the manufacturer's instructions
- Remove and dispose of PPE properly
- Clean the work area
- Record any issues or maintenance performed in the machine's logbook

Maintenance:

- Regular maintenance is crucial for safe and efficient operation
- Only trained and authorized personnel should perform maintenance on the machinery
- Follow the manufacturer's maintenance schedule and procedures
- Lock out and tag out the machine before performing maintenance
- Keep maintenance records

Emergency Procedures:

- In case of emergency (e.g., fire, injury, machine malfunction), follow established emergency procedures
- Immediately stop operation of the machine
- Notify the supervisor and first responders
- Administer first aid if necessary
- Document the incident

Training:

- All personnel operation or maintaining STM Canna pre-roll machinery must receive thorough training on this SOP, machine operation, and safety procedures

Purchasing Terms & Conditions

I hereby confirm that I have thoroughly reviewed and agreed to all terms and conditions herein:

1. I understand that 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.
2. I understand and agree that following the receipt of my 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.
3. I understand that if a deposit is applicable for any special reason, my deposit is non-refundable.
4. I agree 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:

1. A 12-month warranty on each product that is applicable with regards to manufacturer's defects, including parts and labor.
2. 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.
3. STM Tech department provides our clients with all software updates, phone support and onsite support, as needed.
4. Training with our technicians to train your staff on best practices to accomplish your desired results for a quality finished product.
5. 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 & Capabilities of Equipment

STM RocketBox Pro, RocketBox 2.0 & STM Mini-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.

Any and all RocketBox series machines must have liner bags in them during use or warranty will be voided. The RocketBox Pro and Mini use standard 10 gallon trash liners. The liners prevent material from getting inside the machine and for easy clean-up. The RocketBox 2.0, uses a 100 gallon liner. For more information, refer to the machines manual or reach out to Client Services.

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. `

STM Revolution 2.0 and Mini-Revolution

- With the STM Client Success Program, Pre-Grind Checklist and other guidelines provided, you will be able to achieve the highest quality and most consistent grind for your needs.
- For best results and ease of operation, humidity control is necessary. A 10% or lower moisture content is recommended. Although the Revolution may be able to operate at higher levels, it is not recommended and may cause clogs and overheating.
- Safety features are in place to ensure proper use of the machine and are meant to stop operation if handled/operated improperly. The display screen will notify the user if any features are not in the proper state.
- A regular cleaning routine should be in place to ensure proper function and longevity of the Revolution and its blades.
- A Pre-Grind Check List is conveniently located next to your display unit. (2.0. Version Only)
- Results are not guaranteed and can greatly vary from operation to operation.
- **Always use STM equipment in a well ventilated area and with proper PPE if needed.**

STM LaunchPad

Installation is to be performed by STM canna Technicians Only

Due to the sensitivity of the Launchpad, it is required to have a direct connection to an outlet and an Uninterruptable Power Supply.

1. Confirm the installation location meets the following criteria:

- The surface is stable, level, and vibration-free.
- Away from direct sunlight, heat sources, and drafts.
- Climate control to maintain 64° f – 77° f operating temperature range with XX% humidity.
- LaunchPad is accessible for routine maintenance and calibration.
- Be aware of the proximity to other equipment. Ensure the LaunchPad scale is positioned away from equipment that generates heat, vibration, or fumes.
- Confirm the shipping crate security seal is intact and not damaged.
- Always use STM equipment in a well ventilated area and with proper PPE if needed.

Install location for 24 hours before the STM Canna technician's arrival:

2. Verify Power Quality:

- The circuit is dedicated to the LaunchPad and has its own earth-ground probe.
- 110–120-volt AC at 15-20 amps. < 4VAC neutral to earth.
- STM Canna supplied a UPS/Surge protector between the outlet and LaunchPad scale.

3. Safety considerations: Prioritize safety during installation and operation:

- Follow proper lifting techniques when moving or installing the scale to avoid personal injury or damage to the equipment.
- Adhere to any safety protocols or guidelines specific to the lab environment, such as wearing appropriate personal protective equipment (PPE) when working with hazardous substances.

Atomic Closer and Astro Infuser

Safety considerations: Prioritize safety during installation and operation:

- Follow proper lifting techniques when moving or installing the scale to avoid personal injury or damage to the equipment.
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TERMS OF BUSINESS & WARRANTY

Who is Covered:

Please note that results with STM Canna & STM Supply products can yield varying results which depend on a myriad of factors, including but not limited to: correct grind size, age of material, quality of material, moisture content, strain, temperature, correct sized cone usage, quality of cones used, skill of the operator, and more. Our quoted weight ranges for flower, and trim are all general averages that have been reported to us by our customers, however your material may behave completely differently. We take no responsibility whatsoever for your results, only for the working functionality of our products. If you have any questions or concerns, please do not hesitate to talk to us about this very important disclaimer.

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 9:00am – 5:30pm Monday through Friday, Eastern 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 7 days. STM Canna & STM Supply reserve the right to specify collection by certified check, money order, or company check. Personal checks are not accepted.

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. For international orders, border and customs-related costs are the responsibility of the purchaser.

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.

Returns:

No Refunds/Exchanges: We do not accept returns or exchanges unless the item purchased is defective. 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.

In the event of an approved refund or exchange at STM Canna's discretion, there will be a minimum 25% restocking fee.

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 Support@stmcanna.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
2701 N Van Marter Rd
Spokane Valley, WA 99206

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.

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:

See your local dealer or contact us directly at (509) 204-3164 or email to Support@stmcanna.com.