



Pure
Pressure

Helix

Helix Pro

User Manual R1.1

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From all of us here at PurePressure, thank you for your purchase! Our rosin presses are engineered to last for many years with proper care. The following user manual covers virtually every topic, including how to use the press, technical specifications, tips on getting the most out of your equipment, and much more.

Unless otherwise noted, the instructions contained in this manual apply to both the Helix and Helix Pro rosin presses.

Contact

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1.1 Warranty

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PurePressure's rosin presses are built to last for many years with proper care. We want you to be satisfied with your equipment so if there are ever any concerns, please do not hesitate to contact us. PurePressure guarantees the following warranty coverage for both the Helix and Helix Pro rosin presses:

- 2 year limited warranty against manufacturing defects for structural components (frame, truss and support legs) and frame members.
- 1 year limited warranty against manufacturing defects for the entire press including electronic components.

Warranty Replacements: In event of an approved warranty replacement or service, PurePressure will supply the necessary part(s) and special tools, if needed. Shipping costs may be covered by PurePressure at its discretion.

Replacement Parts: Replacement parts for various components are available at reasonable prices for press owners directly from PurePressure.

Exclusions: Warranty coverage eligibility will be determined by PurePressure and at PurePressure's sole discretion. PurePressure's warranty obligations do not include (i) reasonable wear and tear; (ii) damage or corrosion caused by outdoor elements or outdoor use; (iii) use of unapproved parts or unproved alterations to components; (iv) defects or damage caused by misuse, improper electrical power supply, (v) vandalism, negligence, misuse or Force Majeure Events; or (vi) items expected to be consumed or expended during the normal and routine operation and maintenance. This warranty is eligible for the original purchaser only and is not transferable.

Disclaimer: Except as expressly set forth in this Limited Warranty and to the greatest extent allowed by law, PurePressure makes no other representations, warranties or conditions, express or implied, including any implied representations, warranties or conditions of merchantability, fitness for a particular purpose, non-infringement, and non-interference.

Warranty Procedures: If your press is covered under the warranty period, please contact us with detailed information regarding the issue you are experiencing so that we can get you operational as soon as possible. If you are experiencing a problem and are outside of the warranty period, we will do everything in our power to get you affordable replacement component(s) in a timely manner. Please send all warranty and replacement part related inquiries to support@gopurepressure.com. All returned parts must be accompanied by an RMA number, which we will supply.

1.2 What's Included

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What's Included With Your Press

(items may differ depending on kit or model)

- LED capacitive touch screen
- Magnet mounting removable handle
- Vertical orientation legs (qty 2)
- Rubber leveling feet (qty 4)
- Table clamps (qty 2)
- Removable stainless steel drip tray
- Parchment clips
- Power cable
- Food grade lead screw grease packets (qty 4)



Helix Pro
5 Tons of Force
7" x 2.5" Plates



Helix
3 Tons of Force
4" x 2.5" Plates

1.3 Technical Specifications

| Specification | Helix | Helix Pro |
|-------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Weight | 65 lb | 70 lb |
| Overall Dimensions (Depth x Width x Height) | Vertical: 14" x 15.5" x 21.5" | Vertical: 14" x 15.5" x 21.5" |
| Power Requirement | 120/240VAC 3A at startup / 2A continuous | 120/240VAC 4A at startup / 2A continuous |
| Fuses (2x) | Type: Fast Acting 250V Current: 10A Dimensions: 5mm x 20mm | Type: Fast Acting 250V Current: 10A Dimensions: 5mm x 20mm |
| Force Output | 6,000 lbf; 47 lbf-ft Lead Screw Pitch: 5 TPI | 10,000 lbf; 74-lbf-ft Lead Screw Pitch: 6 TPI |
| Structural Components | 1018 Carbon + 11-44 Stress Proof Steel + 4130 Steel | 1018 Carbon + 11-44 Stress Proof Steel + 4130 Steel |
| Heat Plates | Sizes: 4" x 2.5" Material: 6061 Aluminum Maximum Temperature: 300 °F | Sizes: 7" x 2.5" Material: 6061 Aluminum Maximum Temperature: 300 °F |

1.4 Disclaimers & Safety Precautions

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Please review this information carefully prior to press operation!

WARNING: IF THE HEAT PLATE ICON ON YOUR SCREEN IS RED THEN THE PLATES ARE HOT ENOUGH TO CAUSE BURNS.

WARNING: HEAT PLATES CAN CAUSE SERIOUS BURNS. NEVER PLACE FOREIGN OBJECTS, FINGERS, HANDS OR OTHER BODY PARTS ON OR BETWEEN THE HEAT PLATES.

WARNING: PINCH POINT CAN CAUSE SERIOUS INJURY. NEVER PLACE FOREIGN OBJECTS, FINGERS, HANDS OR OTHER BODY PARTS ON OR BETWEEN THE HEAT PLATES.

WARNING: ALWAYS WEAR EYE AND EAR PROTECTION AS WELL AS HEAT RESISTANT GLOVES FOR SAFE OPERATION.

WARNING: PUREPRESSURE, LLC IS NOT RESPONSIBLE FOR INJURY OR LOSS DUE TO IMPROPER USE OF EQUIPMENT.

DISCLAIMER: DO NOT EXCEED MAXIMUM OPERATING FORCE. EXCEEDING MAXIMUM FORCE BY OVER 25% MAY VOID YOUR WARRANTY.

DISCLAIMER: DO NOT PRESS WITHOUT USING THE INCLUDED METAL DRIP TRAY. FAILURE TO USE THE DRIP TRAY MAY RUIN YOUR ELECTRONICS IN THE EVENT OF MATERIAL OVERFLOW AND COULD VOID YOUR WARRANTY.

DISCLAIMER: CONNECTING TO ANY OTHER POWER SOURCE OTHER THAN WHAT YOUR PRESS IS RATED FOR ON ITS SERIAL LABEL WILL VOID YOUR WARRANTY.

WARNING: ONLY USE THE DESIGNATED AC POWER PLUG PROVIDED WITH YOUR PRESS. USING ALTERNATE VOLTAGES OTHER THAN SPECIFIED CAN RESULT IN DAMAGE TO YOUR UNIT.

WARNING: PARCHMENT CLIPS ARE NOT HANDLES. DO NOT USE TO LIFT THE PRESS.

WARNING: DO NOT PRESS ANYTHING OTHER THAN SOFT PLANT MATERIALS IN THE HELIX OR HELIX PRO PRESS. PRESSING OTHER OBJECTS WILL VOID THE WARRANTY.

WARNING: WHEN USING ISOPROPYL ALCOHOL TO CLEAN THE HEAT PLATES THE POWER SHOULD BE DISCONNECTED, AND THE HEAT PLATES SHOULD BE AT ROOM TEMPERATURE. ALWAYS WEAR GLOVES AND EYE PROTECTION.

1.5 Unboxing Your Press

Steps to Safely Unbox Your Press

Note: The Helix and Helix Pro rosin presses weigh 65 and 70 lb respectively. Get a friend to help you if necessary.

1. Remove the top accessory box if present.
2. Open the top flap of the cardboard box and proceed to remove the packaging foam as well as the top handle. **(Figure 1A)**
3. Slide off and remove the magnetized removable handle from the top of the press.
4. Your press will come in a moisture-protecting plastic bag. Firmly grip the two side handle ports of your Helix or Helix Pro, then carefully lift your press out of the box. **(Figure 2A)**
5. Set it on the table you intend to operate on and remove the plastic bag.

Figure 1A



Figure 2A



2. Press Setup & Table Orientation

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Note: We recommend setting your press up on the corner of a table if possible.

Setting up your Helix or Helix Pro rosin press is extremely simple. We recommend setting up your press on a sturdy metal or wood table, either in the middle or on a corner as shown below.

Corner Mount



Middle Mount



2.1 Attaching Table Clamps

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When attaching your table clamps, ensure they are firmly seated but not overly tight for optimal hold.

1. First, ensure that your rubber leveling feet are all correctly leveled on your table, leaving at least $\frac{1}{4}$ " of space between the top of the rubber feet and the bottom of the metal leg frame member.
2. Next, locate your table clamps (qty 2) and slide them onto the front leveling feet with the clamp on the bottom of the table. **(Figure 1A)**
3. Then, hand-tighten both clamps onto the table. **(Figure 2A)**
4. Your press is now secured to your table and ready to begin pressing.

Note: ensure your table clamp guide channel is set up properly beneath the bottom of the press legs as shown in **Figures 1A** and **2A**; **Figure 3A** demonstrates incorrect placement.

Figure 1A



Figure 2A



Figure 3A



2.2 Drip Tray Set Up

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Using your drip tray is extremely important in order to help protect your electronics as well as ensure your rosin flows out and away from the heat quickly on your parchment paper.

1. Your drip tray will come installed your press during shipping. At times, you may need to remove it for cleaning. We recommend using high strength isopropylene alcohol (99%) in order to do so.
2. To remove your drip tray, simply raise the upper heat plate, lift up on the drip tray from the bottom and carefully remove it from the press.
3. To reattach your drip tray, raise the upper heat plate entirely.
4. Then, gently slide your drip tray in, making sure not to scratch your plates. **(Figure 1A)**
5. Finally, seat the drip tray as shown here with the corner tabs exposed. **(Figure 2A)**

Figure 1A



Figure 2A



Note: You may adjust the fitment of the drip tray by flexing the tabs. A slight pinch can keep the drip tray snugly in place!

2.3 Electrical Power

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Power Module

Your press kit will come with an appropriate power cable for your location.

Power Draw

Helix: 3 amps while heat ramping, 2 amps continuous draw.

Helix Pro: 4 amps while heat ramping, 2 amps continuous draw.

Fuse Replacement

1. Ensure the power switch is in the OFF position and remove the power cable. Wait for at least 60 seconds.
2. Using a small screwdriver, gently pry loose and remove the fuse holder. **(Figures 1A, 2A)**
3. Carefully replace the fuses [Fast Acting 250V, 10A, 5mm x 20mm]. **(Figure 3A)**

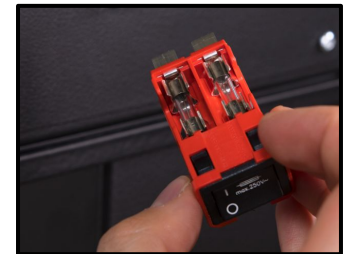
Figure 1A



Figure 2A



Figure 3A



Note: Your product serial label will indicate if your press is rated for 120/240VAC or just 120VAC. The fuses on this machine should not blow under normal operation. Should your fuses blow, it is likely that there is a problem with the supplied power.

3. Rosin Extraction Basics

Rosin is created with heat, pressure, and filtration.

- The heat being applied to your material liquefies the glandular trichome heads present in cannabis, then the pressure forces the resulting cannabinoid-rich oil through the filtration media.
- Technically speaking, rosin is a mechanical separation process, as opposed to a true “extraction”. However, the term extraction is used interchangeably with solvent-based and solventless extraction.
- Rosin can be produced with a variety of different textures or consistencies and has a potency level that is on par with hydrocarbon-based extraction (60% - 90% +). Rosin can also often be extremely terpene-rich and aromatic if high quality material is being pressed.
- Different materials, strains, growing media, and other factors contribute to the yield and quality of your rosin. We encourage ample experimentation with your material to dial in the perfect settings with your PurePressure rosin press to get the best results possible!

Consistencies & Textures



Lower temperatures tend to produce budders and batters, where higher temperatures can often produce a shatter or oil-like consistency. Depending on your material, rosin can be made into sugar, wax, shatter sauce, budder, and more!

Live Rosin



Live rosin is made by washing fresh frozen cannabis into bubble hash and then pressing it into rosin. For optimal results, use a freeze dryer to dry your hash in order to get the best color and terpene profile.

Top Rosin Tips

1. For the best, lightest color possible, use extremely freshly dried material.
2. Always make sure your material is properly cured. Flowers should be between 55% - 62% RH in the jar for optimal yields with flower rosin.
3. Quality in = quality out. Use the best material available for stellar results.
4. Typically higher temperatures will increase yield and decrease terpene preservation. Lower temperatures will ensure the highest level of terpene preservation but tend to decrease yields. Press accordingly!
5. For optimal terpene preservation, do not press rosin above 220 °F.
6. Making rosin is easy. Stick with it and keep experimenting with your variables until you get it just right for your material.

Other Helpful Information

1. Making great rosin always starts in the garden. Certain strains will over perform, and others will underperform, so always go into the process with quality in mind.
2. Press within a few weeks after harvesting, if possible. Older material tends to underperform both with yield and clarity. As your material ages, it oxidizes and chemical changes occur within the cannabinoids themselves, making it both less potent and less terpene-rich.
3. Store your rosin in an airtight container within a cooled environment (such as a refrigerator or freezer) to preserve terpenes and texture.
4. Experiment with different starting materials. If you normally press flower, try your hand at making bubble hash or tumblin some kief. The possibilities with rosin are endless - fresh frozen live rosin, rosin sauce, solvent-less THCA separation, and more can be made with a PurePressure rosin press.

3.2 Starting Materials & Filter Types

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Starting Material and Filter Type

1. First and foremost, you will need to choose what kind of starting material you intend to press into rosin. The most common materials used in this process are freshly dried cannabis flowers, kief (or dry sift), or ice water bubble hash. We do not recommend pressing trim as-is.
2. Next, you'll need to select the micron filter size you wish to use. A larger micron number corresponds to larger pore openings in the mesh fabric. We typically recommend 25 μ m or 36 μ m for dry sift and hash, and 115 micron for flower and shake.

Bubble Hash



Dry Sift / Kief



Flower



Micron Usages

25 μ m/36 μ m/72 μ m

Ideal for bubble hash, dry sift

90 μ m/115 μ m

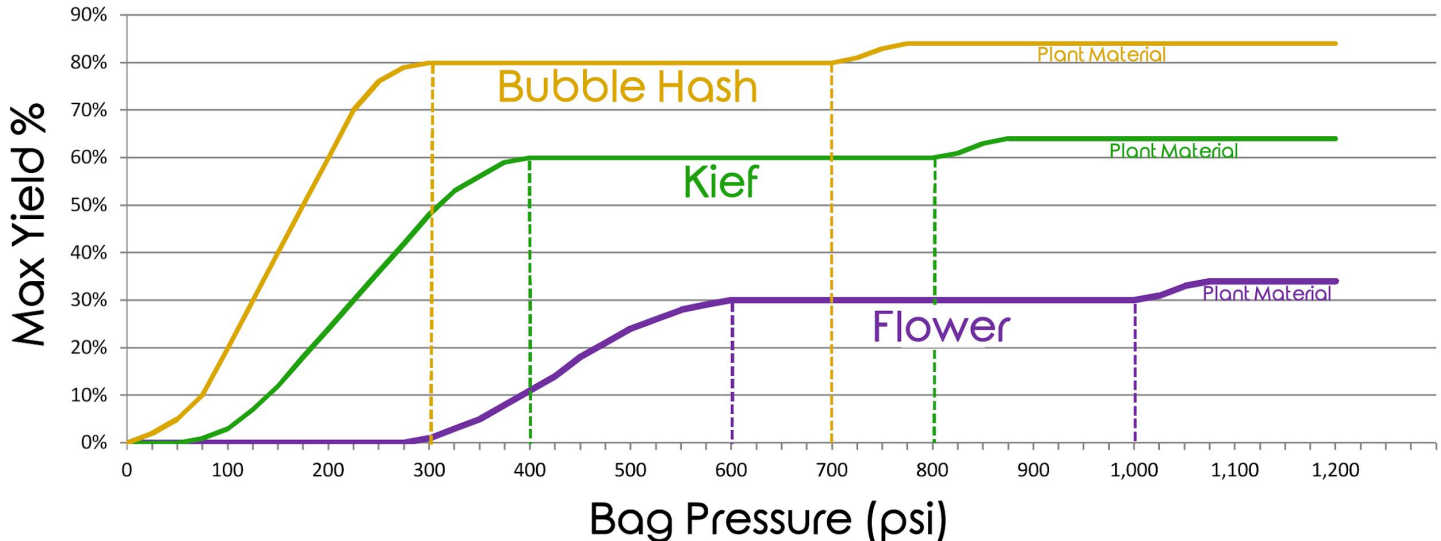
Ideal for flower, shake

3.3 Yields & Material Information

Note: Some strains tend to yield very well, whereas others may not. Heavily resinous, terpene-rich strains will always yield the highest quality rosin!



Max Yield % vs Bag Pressure



PSI: The PSI on the X axis refers to the pressure at your bag. While the Helix and Helix Pro can automatically calculate bag pressure, the formula is as follows:

$$(\text{Pressing Force} / \text{Bag Area (sq inches)}) = \text{PSI at the Bag}$$

Example:

$$(4,000 \text{ LBF}) / (6 \text{ square inch bag}) = 666 \text{ PSI at the bag}$$

3.4 Filter Bag Preparation Part 1

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Preparing Your Rosin Filter Bag

1. Using your PurePressure Quick Flip tool, take your PurePressure rosin bag and slide it over the tube. **(Figure 1A)**
2. Next, using the dowell, press down on the bag-covered end of the tube to turn the bag inside out and through the tube. **(Figure 2A)**
3. Then, using the dowell, poke out the inside corners so your bag is a complete rectangle. **(Figure 3A)**

Note: if you are just pressing a single bud in the Helix or Helix Pro, you can easily do so without a rosin filter bag.

Figure 1A

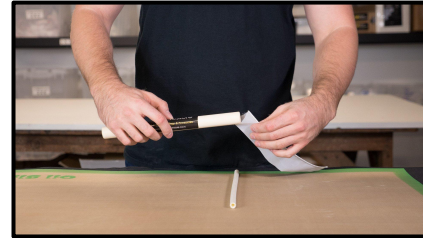


Figure 2A



Figure 3A



3.4 Filter Bag Preparation Part 2

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Filling Your Rosin Filter Bag

1. Using a PurePressure filling funnel, fill the bag with your material, making sure it is evenly distributed in the bag and that there is at least $\frac{3}{4}$ " left at the end of your bag to fold over. **(Figures 1-2B)**
2. Fold over the remaining, unfilled portion of your rosin filter bag and insert the bag, folded-side down, into chamber of your PurePressure pre-press mold. Replace the top of the pre-press mold and push down with hand pressure, or use an arbor press (1 ton max). **(Figure 1C)**

Note: when filling a filter bag with flower, do not grind your material prior to filled. Instead, break the material up in the bag with your fingers in order to properly fill out the edges.

Tip: Flip your pre-press mold over, remove the top facing plate, and press down on the middle chamber to release your prepared rosin filter bag.

Figure 1B



Figure 2B

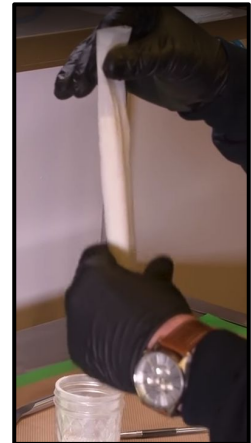


Figure 1C



4. Pressware Controls

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The Pressware Interface Allows for Total Control

In fact, PurePressure's Pressware has been designed and engineered specifically for solventless cannabinoid oil extraction.

All variables in the rosin extraction process can be controlled to an extreme degree of precision, enabling you, the user, to create the highest quality solventless concentrates possible. The system enables you to save your recipes for 100% repeatable results.

Within the settings menu, you can also modify the interface units individually to be metric or imperial.

Contained in the following sections we will cover exactly how to use your Pressware controls and how you can get the most out of your PurePressure rosin press.



**Save Up to 29
Recipes**



**Touchscreen LCD
Tech**



4.1 Home Screen

The Home Screen appears after startup from this screen you can manage heater settings, view active pressure values, view a loaded recipe and navigate to a variety of menu options. You cannot press while on the Home Screen.

1: Heaters 1 and 2

Tap to turn your upper and lower heaters on and off.

H1 = Top Plate

H2 = Bottom Plate

2: Quick Press

Start pressing immediately with your current settings. You can also save your Quick Press settings into a new recipe.

3: Run Recipe

Load and use an existing pre-made recipe.

4: Last Run Data

View the data from your last pressing operation. This includes heat, time, pressure, and pressure stages.

5: Temperature Settings

Tap to set and change your temperature on your top and bottom plates; red indicates the plate surfaces are hot enough to burn you.

6: Live Force Readout

Press this button when bag pressure is displayed to select bag size.

7: Home Button

Return to the home screen at any time.

8: Force Toggle

Tap to view your live force reading, and pressure at the bag (if set).

9: Loaded Recipe

If you're running a recipe, it will display which one you are using here.

10: System Settings

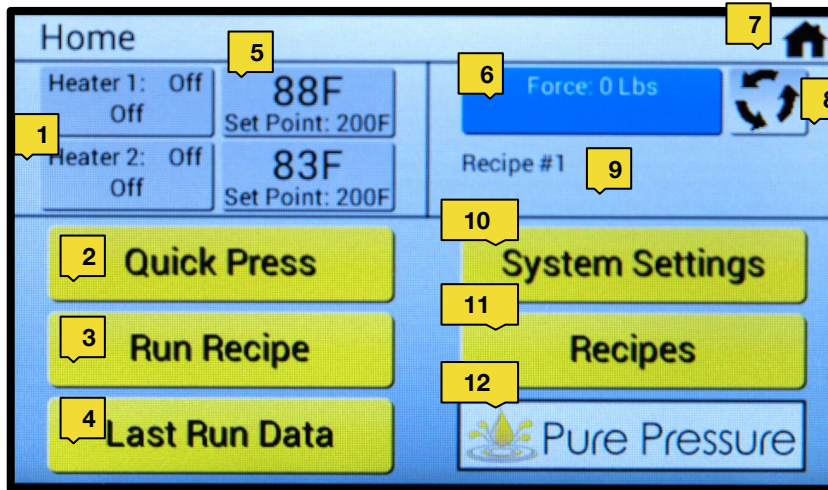
Review and adjust your values for Imperial or Metric as well as your desired buzzer sound level and adjust operating voltages.

11: Recipes

View, save, edit, and load all of your pre-saved recipes - you may have up to 29 saved at one time.

12: Contact

Touch to quickly display PurePressure contact info.



4.2 System Settings

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Note: Adjusting the temperature and pressure units will require you to convert these values in any saved recipes.

You can adjust your System Settings at any time. This will allow you to change a few key things, including whether your press displays numbers in Imperial or Metric, as well as how loud you want the beeping indicator to be (you can also silence it) to alert you during cycle pressure changes.

1: Force

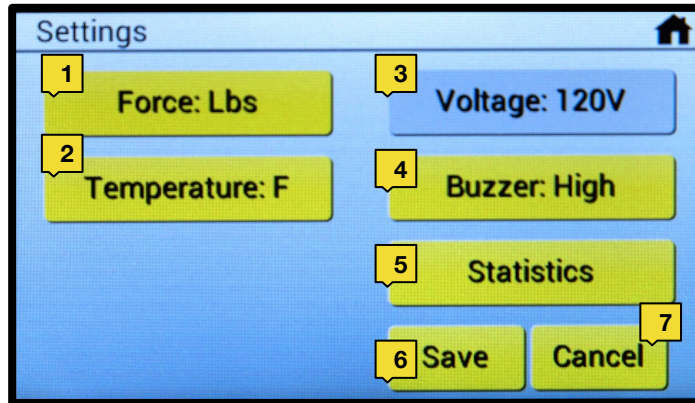
Displays in either LB or KG.

2: Temperature

Displays in either Fahrenheit or Celsius.

3: Input Volts

Displays voltage requirements.



4: Buzzer

Noise settings available are high, medium, low, and silent or off.

5: Statistics

This tab offers detailed information about your press, usage stats, and error codes for debugging if necessary.

6: Save

Saves your settings.

7: Cancel

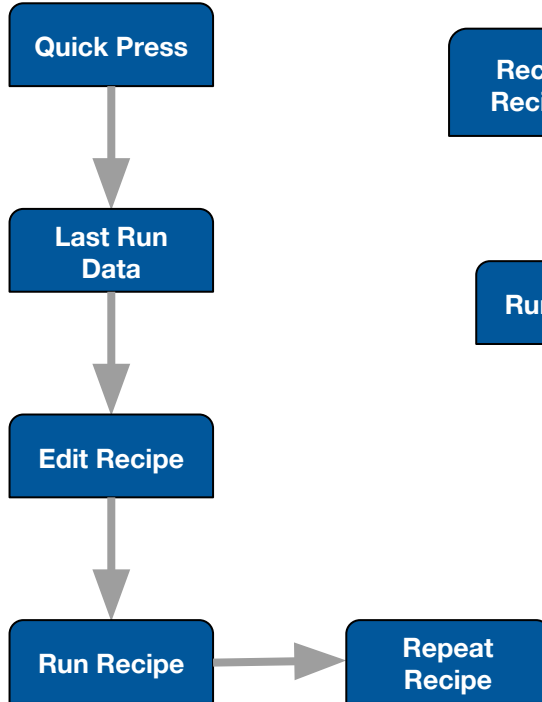
Exits the menu without saving any changes.

4.3 Workflow Overview

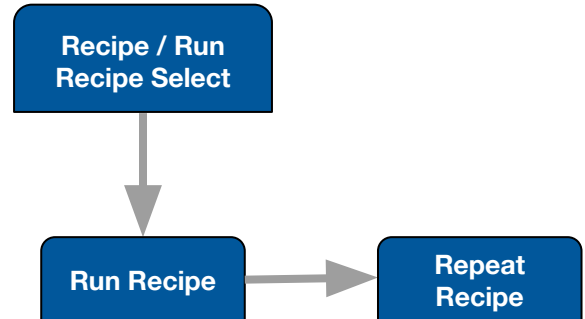
One-off Press



Creating a Recipe



Pressing a Known Material



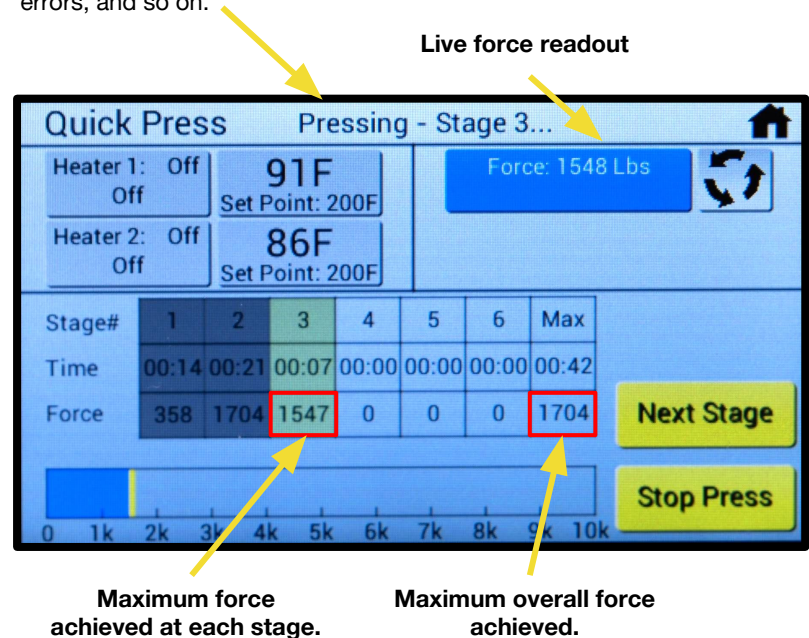
4.4 Quick Press

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Quick Press is one of Pressware's most powerful features because it allows you to save your parameters into a the recipe for later use! Set your temperature and press start, and then begin pressing by turning the twist handle.

- Using the Quick Press menu is the easiest way to start pressing and determine how to run a good recipe for your material. It will enable you to store up to 6 pressure stages and the time you spent on each.
- As you press, it will automatically show you where your force is. You can then hit "Next Stage" to record your previous maximum force for each stage.
- Once you get the perfect press from your material, you can then view your Last Run Data and save all of your settings into a stored recipe!

Note: Your notification bar will display your current stage, any notifications, errors, and so on.



4.5 Force Slider Bar

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The Helix and Helix Pro rosin presses feature a true live force readout from the digitally-calibrated load cell. This enables the press to give you an accurate force application while simultaneously calculating bag pressure, ensuring a reliable and repeatable process every time.



As you press, the system will record your maximum force, as well as show you with the blue slider bar, the live force read out.

When following along from a recipe, if you exceed the set amount of force your stage will turn red. If you are under pressure, your stage will turn yellow. When it's green, that means you are +/- 100 lbf of where you need to be.

4.6 Last Run Data

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Once you've pressed, the Last Run Data menu will tell you exactly what you did and how you did it. You can save this information directly into a new recipe, or just look to see what you want to change for your next press.

- Pressware records your average temperature, total press time, pressure, and pressure stages from your most recent press cycle.
- The Last Run Data menu is the most accurate way to dial in your settings by learning what you did and then adjusting from there.
- Easily save your Last Run Data settings directly into a new Recipe, where you can make changes or re-use those settings at will.

Last Run Data

Heater 1: Off | Off | **91F** | Set Point: 200F | Force: 0 Lbs | Recipe #0

Heater 2: Off | Off | **86F** | Set Point: 200F

| Stage# | 1 | 2 | 3 | Max |
|--------|-------|-------|-------|-------|
| Time | 00:14 | 00:21 | 00:12 | 00:47 |
| Force | 359 | 1705 | 1570 | 1704 |

Mat: N/A | 0.0 g | Bag: N/A | um: N/A | 0 %

Temp1: 200F | Temp2: 200F

Save Recipe | Home

Note: These inputs are dependent on the user and are not automatically captured by the press when saved into a recipe if you are running a Quick Press, or will display if you are viewing Last Run Data from running a pre-existing recipe.

4.7 Edit Recipe

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With Recipes, you can save every variable and then your press will automatically load those settings at the push of a button.

- Your press has 29 recipe slots that you can fill with your own custom creations.
- Both Helix presses enable you to run our pre-loaded recipes, which cover most materials and bag sizes for instant results.
- Recipes can be created either manually with these menu options, or from a Last Run Data set.
- Selecting a bag size will allow the press to automatically calculate the pressure at your bag.
- Recipes will automatically control your temperature and press time.
- Material, weight, bag micron type, actuation speed, and humidity are all for reference purposes, to help ensure that the operator has every piece of info they need.

The screenshot shows the 'Edit Recipe' screen with the following parameters and controls:

| Material | Weight (g) | Bag Size | Micron | Humidity |
|----------|------------|----------|--------|----------|
| NA | 0.0 | NA | NA | 0% |

| Stage# | 1 | 2 | 3 | 4 | 5 | 6 | Heater1 |
|--------|-------|-------|-------|-------|-------|-------|---------|
| Time | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 | 0 |

| Force | 1 | 2 | 3 | 4 | 5 | 6 | Heater2 |
|-------|---|---|---|---|---|---|---------|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Max Pressure: 0, Total Time: 00:00

Buttons: Name, Save, Save&Run, Delete, Cancel

4.7.1 Edit Recipe Cont.

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1: Material

Flower, dry sift, or hash.

2: Weight

Set the weight of your material to have a repeatable bag fill and make yield calculations easier.

3: Bag Size

Set your bag size in order for the press to calculate pressure accurately.

4: Micron

Choose the ideal filter micron for your material.

5: Humidity

Set the relative humidity value of your material, if desired.

The screenshot shows the 'Edit Recipe' interface. At the top, there's a title bar with 'Edit Recipe' and 'Enter Name and add'l info...'. Below this, there are several input fields: 'Recipe Name' (1), 'Weight (g)' (2), 'Bag Size' (3), 'Micron' (4), and 'Humidity' (5). A table below these fields has columns for 'Stage#' (6), 'Time', 'Force', 'Max Pressure', 'Total', and 'Heater1' (12) and 'Heater2'. The 'Force' row has buttons labeled '0' (7) through '0' (11). At the bottom, there are five large buttons: 'Name', 'Save' (8), 'Save&Run' (9), 'Delete' (10), and 'Cancel' (11).

10: Delete

Erases and deletes your recipe permanently. Your settings will not be recoverable after deletion.

11: Cancel

Exit the Edit Recipe menu and discard any changes you have made.

12: Heater 1 (Top) and 2 (Bottom)

Set the top and bottom plate temperatures for your recipe.

6: Stages 1 - 6

Air pressure and pressing time are set here, with up to 6 stages possible. Select the number of stages with the Stages box to the far left.

7: Name

Enter a reference name for your recipe. We recommend entering the strain as the recipe (and be sure to select the material type).

8: Save

Save your recipe as-is. Returns to recipe list.

9: Save&Run

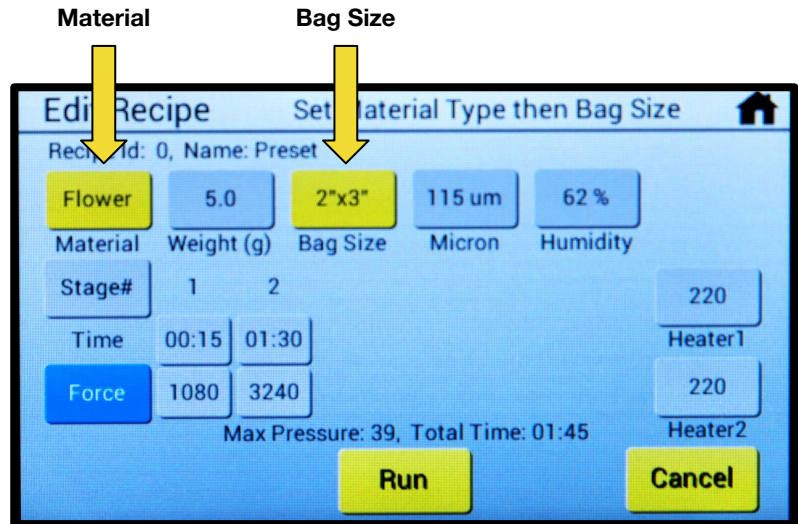
Saves and brings you to the Run Recipe screen to be used immediately.

4.8 Preset Recipes

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With the Pressware control interface, you can select a material type and a bag size - the system will populate an automatic recipe for you to use. Preset options are contained in Recipe #0 in your recipe list.

- Tap the “Material” button to select what you are planning to press. The available options are Flower, Kief, and Hash.
- Then, hit the “Bag Size” button to select which sized bag you intend to use.
- Once these two selections have been made, your press will load an appropriate starter recipe that you can simply run.
- Once you load these recipes, you can then modify time, temperature, force, and so on to easily make your own special recipes with your material.



4.9 Run Recipe

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From the Run Recipes screen, you can automatically load any saved recipe to be used immediately. There are two ways to load a recipe. First, you can load a recipe from the “Run Recipe” off of the home screen, or you can select the recipe you wish to use from the “Saved Recipes” list.

- You will be taken to the “Saved Recipes” list to choose the recipe you wish to run.
- From there, it will take you directly to the “Recipe” settings menu of your choice.
- Simply hit “Save&Run” at the bottom to load you recipe and begin using it.

The screenshot displays the 'Run Recipe' interface with the following details:

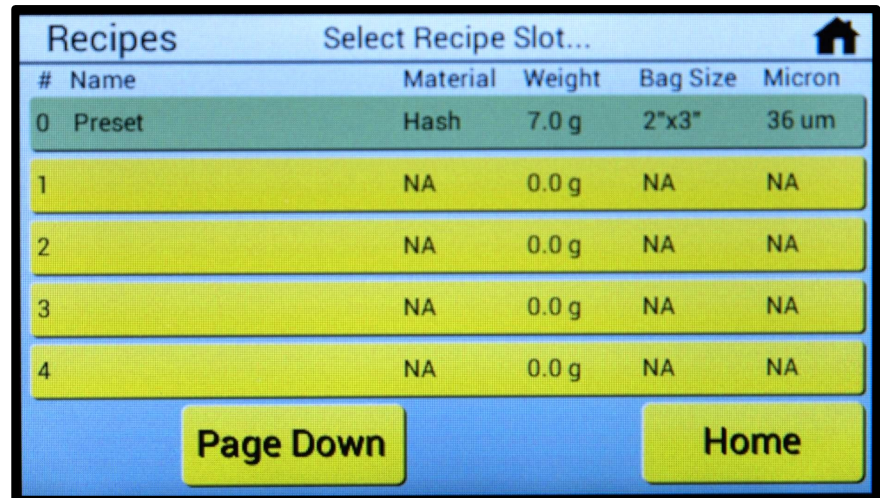
- Heater 1:** Off, 91F, Set Point: 220F
- Heater 2:** Off, 86F, Set Point: 220F
- Force:** 0 Lbs
- Recipe #0 Preset**
- Stage#:** 1 (00:15, 2160), 2 (02:15, 6480)
- Max:** 00:00
- Flower | 10.0 g | 2"x6" Bag | 115 um | 62 %**
- Buttons:** Start Press, Home
- Timer:** Push Start to Initiate Timer
- Scale:** 0, 1k, 2k, 3k, 4k, 5k, 6k, 7k, 8k, 9k, 10k


4.10 Recipes (List)

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From the Recipes screen, all of your saved recipes are stored and catalogued.

- Each screen displays 5 recipes, including their name, material, weight, bag size, and micron type (if set).
- To access a specific recipe, simply tap the name to enter the “Edit Recipes” screen.
- There are a maximum of 29 total recipe slots, with “0” being used for the Preset recipes.
- Any recipe that has been created and stored is available in this menu subset. Hit “Page Down” to scroll through all stored recipes.
- You can also return to the home screen from the “Recipes” list by hitting “Home”.



| Recipes | | Select Recipe Slot... | | |  |
|---------|--------|-----------------------|--------|----------|-------------------------------------------------------------------------------------|
| # | Name | Material | Weight | Bag Size | Micron |
| 0 | Preset | Hash | 7.0 g | 2"x3" | 36 um |
| 1 | | NA | 0.0 g | NA | NA |
| 2 | | NA | 0.0 g | NA | NA |
| 3 | | NA | 0.0 g | NA | NA |
| 4 | | NA | 0.0 g | NA | NA |

Page Down Home

4.11 Software Updates

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With PurePressure's Pressware Connect software, you can always stay up to date with the latest version of our firmware.

1. First, carefully lay your press down on its back with the legs hanging off of the edge of a table.
2. Next, using a 5/32" allen wrench or bit, remove the left triangle leg from the press. **(Figure 1A)**
3. Locate the USB-B port behind the leg. **(Figure 2A)**
4. Using a USB-A to USB-B cable (also known as a standard printer cable), plug your press into a laptop computer and run the Pressware Connect application.
5. Next, visit [Downloads](https://gopurepressure.com/pages/downloads) (<https://gopurepressure.com/pages/downloads>) to download the appropriate files you will need. Make sure to select either the correct Windows or Mac file version depending on your computer.
6. Once downloaded, unzip and open the files contained within the firmware update folder. There will be step-by-step instructions included that are specific for either operating system to update your firmware to the latest version.

Figure 1A



Figure 2A



5. Press Operation

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Loading and operating your PurePressure rosin press is simple and intuitive. In the following pages we will cover how to best operate your press. We always recommend doing a few dry runs without material before pressing to better familiarize yourself with the operation of your press.

Basic Steps to Start Pressing

1. Turn your press on, making sure your plates are retracted.
2. Set your desired temperature(s) and then turn on your top and bottom heaters.
3. Load your parchment into the front and rear parchment clips, and then carefully center your bag between the parchment on the bottom heat plate.
4. Press Start.
5. Then, turn your twist handle to start pressing! You must engage the load cell a minimum of 100 lbf before the weight will register on screen.
6. Depending on your material, you will want to use less or more force, which we will cover in the following section.



5.1 Loading the Press

First, prepare your work area by having your pre-filled filter bags and parchment paper ready to go.

WARNING: be mindful of your heated press plates!

Step 1: Fold a 9.25" x 20" PurePressure sheet of parchment paper in half

- For vertical pressing, insert the folded end into the rear parchment clip.

Step 2: Tuck the unfilled end of your rosin bag underneath itself and then carefully insert and center your rosin filter bag on top of the lower bottom heat plate. **(Figure 1A)**

Step 3: Lastly, cover the rosin filter bag with the top parchment fold, re-center the bag, and while using tension on the parchment, insert the open parchment end into the parchment clip. **(Figure 2A)**

Note: it is crucial to center your bag and the material in order for proper force distribution. This will help ensure you get the best yield and quality possible, as well as reduce the chance of experiencing a blowout.

Figure 1A



Figure 2A



5.2 Pressing and Pressure Control

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Your Helix rosin press is capable of unparalleled precision with the twist handle. Here's how to use it effectively to avoid bag blowouts and get the maximum yield, every time.

1. To begin pressing and to increase pressure, turn the twist handle clockwise until you make contact with your bag. Once contact is made, the lower heat plate will travel downwards with the upper heat plate until the load cell is contacted.
2. Your digital load cell will automatically read how much force you are applying at 100 lbf or more.
3. If you are pressing sift or hash, ensure that you apply force very slowly in order to avoid blowing out your bag. Often these materials need time to warm up and begin flowing before full force is applied.
4. As your rosin begins flowing, the force will start reducing as pressure is alleviated with oil leaving the bag. Continue applying force by turning the handle.
5. Once oil stops flowing, or the recipe is complete, simply turn the handle counter-clockwise to reduce pressure and retract the top plate assembly.

Note: There is a slight delay (< 1 second) between the load cell and the value displayed. Go slow! Make slow, calculated adjustments and the results will be great.



6. Maintenance & Troubleshooting

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Your PurePressure Helix rosin press is engineered to go the distance and requires virtually no maintenance with proper care. Make sure to do the following to ensure long term reliability.

- ★ Do **not** lubricate the left or right Internal Guide Rods.
- ★ Do lubricate the screw threads using food-safe grease by PurePressure.
- ★ Use an adequately grounded power outlet or a surge protector.
- ★ Do not exceed your press's force limit by more than 1,000 lbf.
- ★ Use your press indoors in a clean, low-dust room.
- ★ Remove power, then use denatured alcohol or rubbing alcohol to quickly clean your heat plates when they are at room temperature.
- ★ Every 2,000 presses or so, fully retract your plates and put a light coating of the included Screw Juice (food grade screw grease lubricant) on your lead screw.



If you encounter an issue with your press that is not described in the following pages, please contact us at support@gopurepressure.com - we're always here to help!

6.1 Frequently Asked Questions

What Micron Filter Bag Should I Use?

We typically recommend 25µm or 36µm for hash or kief and 115µm for flower or shake to start, but highly suggest experimenting with our 5 different micron types to see where you find your best results.

25µm/36µm/72µm: bubble hash, kief/dry sift
90µm/115µm: flower, shake

Do I Need to Use a Filter Bag?

If you are pressing just a bud or two, you do not need to. Otherwise, you will need to in all other situations for optimal yields and product quality.

At What Temperature Should I Press ?

For flower, most users find their best results between 200 °F and 220 °F. With kief or dry sift, most users find their best results between 190 °F and 220 °F. Finally, bubble hash, most users find their best results between 160 °F and 210 °F.

A higher temperature typically correlates to a higher yield, but it can also mean terpene loss. Similarly, at a lower temperature, quality tends to be higher but yields often decrease.

What Pressure Should I Use?

For flower, you should ultimately reach between 400 and 800 PSI at the bag depending on your material. This is automatically calculated by your press in the pressure toggle menu options.

For sift or hash, the same amount of maximum force is desirable as flower, but you will need to start much slower and work up to those forces at a lessened rate to reduce the chance of a blowout.

How Much Should I Put in a Filter Bag?

Maximum Recommended Fill Amounts

- 2" x 3" Flower (6g) Kief/Bubble Hash (8g)
- 2" x 6" Flower (12g) Kief/Bubble Hash (16g)

How Long Should I Press For?

A good rule of thumb is that the smaller your bag is, the less time you will need to press. Here are some general time ranges based on bag size:

- 2" x 3" :45 - 2:00
- 2" x 6" 1:00 - 3:00

Note: Fractional separations and other advanced techniques may take significantly longer.

6.2 Common Issues

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Problem: My flower isn't yielding well.

Solution: Material relative humidity impacts flower considerably - make sure your flower is properly humidified to at least 55% - 62%. We recommend using a humididor or a Boveda pack. Temperature is often a bigger factor with flower rosin as well, and typically 200-220°F+ is required.

Problem: My bags are blowing out.

Solution: Make sure that you apply either no force or only a minimal amount (>100 lbf) to ensure your bag is getting a proper pre-heat period prior to applying force. Once you start seeing oil flow, then very carefully and slowly increase the force, keeping a close eye on the bag itself to make sure it is not being over stressed.

Additionally, we recommend double bagging your kief and bubble hash until you determine safe pressure stages, and especially if you are pressing very high grade bubble hash. This is best done by having seams on opposite sides, and the folded-end of the first bag inserted downward into the second bag to ensure a fold on both ends as well. We often double bag a 36 micron inside of a 115 micron for the durability the 115 offers, while getting the filtration of the 36 micron.

If you are ever blowing out a bag with flower, it is probably because the bag is significantly over-packed or there is too much latent moisture (relative humidity above 65%+).

Problem: I'm not getting much rosin when pressing.

Solution: Yield can vary dramatically between different strains, how old it is, what resin content exists within the plant, and other factors. Typically clean, fresh, highly resinous plant material tends to make the best rosin. If you are not experiencing much if any rosin when pressing a certain bag, you can increase in temperature (try 10°F increments) and re-press it to get a better yield, often at the expense of quality. You can always visit our website to learn more the rosin extraction process and about different strains that yield well.

Problem: My rosin is dark.

Solution: Freshness of material is typically the #1 factor that determines the clarity of your rosin. For optimal results, material should be pressed that has been harvested and prepared within 1 to 3 weeks before pressing. After a month or so, flower, kief, and hash typically oxidizes along with a number of other chemical changes that affect the composition of your resulting rosin. Older material also frequently requires higher temperatures in order to achieve a full extraction, although this often darkens the resulting material further.



Happy pressing! If there is anything we can ever do to help, please contact us.

We're here to help Monday through Friday from 8am - 4pm MST.



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Make sure to visit our website or contact our sales team for bag and accessory re-orders!