

#NUGSMASHER



NUG
SMASHER
touch

ROSIN
MADE
SIMPLE

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*Thank you for the purchase of your NugSmasher® Touch an intelligent solution to rosin extraction. We have designed this unit for the purpose of effortless rosin extraction for up to 28 grams of flower. Your Touch system will be constantly updated with the newest software and tools to further aid in rosin extraction. When setting up your unit, please ensure your stand is suitable for the weight of the machine. Also note that the unit gets hot and the high temperature hydraulic heat plates are capable of bodily injury if not used in a safe manner. **(Please do not attempt to open your unit casing as this will void your factory warranty.)***

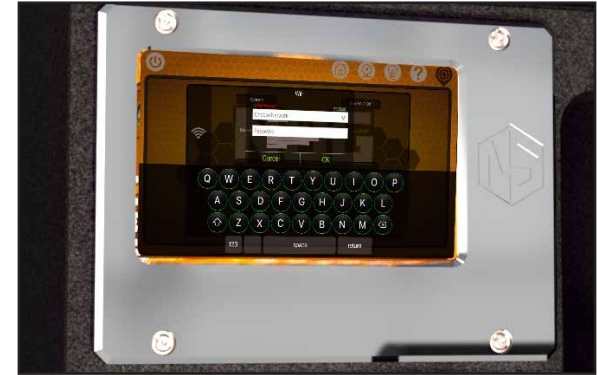
While our products are sturdy and built to last, they are also heavy and shippers can be rough during handling. If there are any problems from shipping and your item does not deliver safely please contact us direct so we can resolve the matter immediately.

As always, please feel free to call us at any point with any questions or concerns at [\(951\) 272-9800](tel:9512729800) or [NugSmasher®.com/contact](https://NugSmasher.com/contact).



POWERING OFF UNIT:

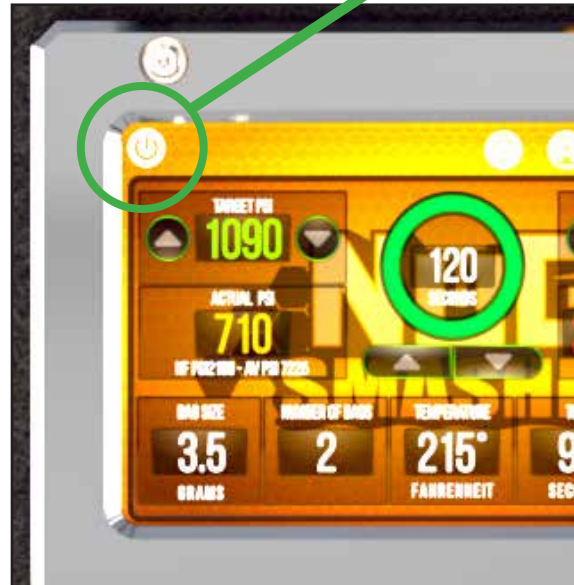
DO NOT power off your unit by the switch! It is imperative when powering down to use the on screen power button (green circle in illustration below). Once power down cycle is complete and screen has shut down -approximately 7-10 seconds- then the main power switch on the rear on the unit can be set to the off position.



POWERING ON UNIT:

To start your unit turn on power switch on the rear of unit (red circle) and display will start within 5 - 7 seconds. The NugSmasher® Touch is designed with several time saving features that will allow you to choose the perfect setup and pressure using our NugSmasher® bags in accordance with their dimensions. We also have integrated a custom configuration for bag size if your using Non NugSmasher® bags to achieve correct pressure vs. surface area configuration. (Note not all bags are created equally, use NugSmasher® bags for best results).

POWER OFF



INTERNET CONNECTION SETUP

The wifi connectivity of your machine must be turned on to allow any updates which will include new NugSmasher® Touch capabilities with your machine as they are designed. Simply go to settings button which is on the top right of your screen and select "connect" to allow it to be connected via your home wifi network, connect to your available network connection by inputting your wifi password.

Note: Connection can take approx 10 seconds before its connected. The system only works wireless so you would need to have a wireless connection within range.

KEEP RELEASE VALVE IN CLOSED “CLOCKWISE POSITION” WHEN NOT IN USE

Please note that under any circumstances do not turn release valve more than $\frac{1}{2}$ a turn in the open (counter clockwise) direction as this will void your warranty and may result in hydraulic fluid loss. Also make sure when not in use or stored, the release valve must be in closed tight (clockwise) position.

WARNING!

Never turn your release knob more than $\frac{1}{2}$ full turn counter clock wise from tight.



PLEASE NOTE:

Your release knob is factory designed to be a slight upward.

For more tips and tricks; follow our pages on YouTube –the best resource for “how to press” video tutorials–, Google, Instagram and Facebook... and remember, practice makes perfect!



IDEAL TEMPERATURE:

To adjust temperature simply select arrows up or down on display (red circle), also note that there are several preset common temperatures that can quickly be toggled through for convenience. Note: NugSmasher® Touch is set in Fahrenheit. The ideal pressure and temperature will vary depending on strain and growing techniques so don't be discouraged on your results when you press new material. We recommend when pressing a new strain to start at approx. 220 degrees for flower and notate your yield results (weight of material in vs. rosin out). Perform additional test presses and drop 5-10 degrees per press until you notice your yield percentage starting to drop. Adjust back to the previous temp and that will be your ideal temp for that strain. It is advised to have a thermal temp gun to verify and check temperatures from time to time. Use our temperature test strips included with your unit (also available for purchase at NugSmasher.com), unless in a pinch use a small piece of electrical tape as the high gloss on heat plates will affect accurate temp readings if using a thermal temp gun. (As shown in Illustration)

PRESSURE:

Once your unit reaches set temperature you're ready to start pressing. Follow recommended pressure as advised by Touch on screen, there are three preset pressure settings that you can toggle through which would be low, medium and high which are available by pressing the bag pressure square button repeatedly. Note the pressure is calculated using the preset bag size you choose from. If you're using a non NugSmasher® bag select the button to right of home button and you can manually input your bag dimensions which will give you recommended surface bag area calculations. Once you have your material between **parchment paper (do not use wax paper!)**, slowly start raising plates by pumping handle. It is key to do this slowly to properly build heat into your material. The entire pressing process should be between 90-120 seconds depending on your strain. There are several videos available online on the NugSmasher® social Instagram account as well as the NugSmasher® YouTube channel that are very beneficial for techniques and tips of your rosin extraction. Note the leverage designed with your pump handle is only designed for hand operation. Do not use any other leverage device or foot to push handle down as you will cause damage not covered by warranty. Visit Terp Files at NugSmasher.com/view-public-rosin-data/ for great reference to strains, temps and unit settings used.

LOADING MICRON BAGS:

NugSmasher® extraction bags, are recommended for optimal yield and clean quality rosin. Our bags are hand-made and packaged in the USA! NugSmasher® extraction bags are specially designed to work with the weight of fresh cured flower and are labeled accordingly at: 3.5 g (1.1g-3.5g), 7 g (3.6g-7g) and 14 g (7.1g-14g). This assumes the bags are loaded (BTS) or bottle/barrel-tech style (upright so that you end up with the round coin like puck once fully pressed). This perfected method allows you the ability to put the proper weight of flower into the bag and get a consistent extraction every time. This method also applies the proper pounds per square inch of pressure (PSI) on your product and eliminates the guess work.



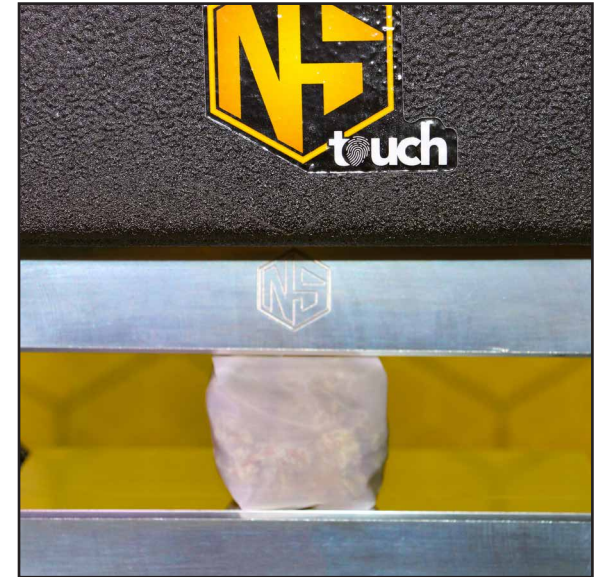
3.5g bag (1.1g-3.5g) = 1.5"-1.6"Diameter

7g bag (3.6g-7g) = 2"-2.2"Diameter

14g bag (7.1g-14g) =2.4"-2.7"Diameter

REMEMBER

“FIRE IN FIRE OUT!”



As the micron gets smaller the diameter gets larger, this is the reason for the variance in the diameter numbers above. We prefer to use 160 micron for fresh flower, as flower dries we go down in micron screen size (for dry flower use 90 micron). Micron size determines the diameter (surface area) of the smashed bag. For nugs 1g and smaller no bag is necessary. For more details about loading Bottle-Tech and/or Barrel-Tech style (BTS) please visit NugSmasher® on YouTube: <https://www.youtube.com/watch?v=0osvcD7CLK0>

Plate Pressure:

-VS-

HF Pressure:

Plate Pressure:

The applied plate pressure is determined by the extracted material's surface area (bag, size and quantity) and the applied pressure to the extraction (Screen PSI Reading)

HF Pressure:

HF pressure (psi) is measured from the hydraulic rams fluid pressure. This is the applied pressure and should be adjusted to the surface area to achieve optimum results.

Surface Area Key

NugSmasher® extraction bags, our bags are recommended for optimal yield and clean quality rosin. NugSmasher® extraction bags are specifically designed to work with the weight of fresh cured flower together with our extraction machines and are labeled accordingly at: 3.5g, 7g and 14g this assumes the bags are loaded (BTS) or bottle/barrel-tech style (upright so that you end up with the round coin like puck once fully pressed).

This perfected method allows you the ability to put the proper amount of flower into the bag and get a consistent extraction every time. The reason for this is that it allows for the proper pounds per square inch, pressure (PSI) on your product and eliminates the guess work.

3.5g = 1.5" Diameter = 1.77" in surface area

7g = 2"-2.2"Diameter= 3.14" in surface area

14g=2.4"-2.7"Diameter= 4.91" in surface area.

We prefer to use 160 micron for fresh flower, as flower dries we go down in micron screen size (for dry flower use 90 micron).

NOTE: As the micron gets smaller the diameter get slightly larger. Example: 90 micron is about 5% larger at the end of your extraction.

EXTRACTION EXAMPLE:

One 3.5g bag

Plate Pressure
750 PSI

There is only one 3.5g bag that has the total surface area of around 1.77in²

Hydraulic Fluid Pressure
577 PSI

To extract your material at 750 PSI with a surface area of 1.77in (one 3.5g bag) it would equal 577 PSI on your screen.

Two 3.5g bags

Plate Pressure
750 PSI

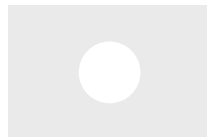
There are two 3.5g bags that has a total combined surface area of around 3.54in²

Hydraulic Fluid Pressure
1154 PSI

To extract your material at 750 PSI with a surface area of 3.54in² (1.77in² for each 3.5g bag) you would need 1154 PSI on your screen.



TOP PLATE VIEW:



- *Copyright © 2019 All rights reserved. No part of this manual may be reproduced or used in any manner without written permission of the copyright owner.*
- *The contents of this document may be subject to change without notice.*
- *Due to improvement or change of this device, the description of this document could be partially different in specification, for which your understanding is requested.*
- *With the exception of what is provided for in the warranty provisions of NugSmasher®, we do not assume any liability against the damages (including but not limited to the loss of profit, indirect damage, special damage or other monetary damages) arisen out of the use or failure to use this product properly. The same shall also apply to the case even if NugSmasher® had been notified of the possibility of arising damages in advance. As an example, we shall not be liable for any loss of material made using this product or indirect damages caused by the product.*
- *Use of your NugSmasher® press should be done in accordance with all local, state and federal regulations. It is owner/users responsibility to know and understand laws and regulations regarding concentrates. NugSmasher® has no responsibility of how product is used and products produced with it.*

- Keep away from children, pets and clothing.
- Never leave the extractor on when you go to sleep or leave the area.
- Never use or store flammable liquids (such as gasoline) around the extractor. The flammable vapors can flow from one part of the room to another and be ignited by an electrical spark.
- Place at least three feet away from objects such as bedding, furniture and drapes. Do not place where towels or other objects could fall on the extractor and start a fire.
- Use extractor on the floor or bench top. Never place on furniture, since unit may fall , which could result in a fire or shock hazard. Do not use in wet or moist places, such as bathrooms; corrosion or other damage to parts in the unit may lead to a fire or shock hazard.
- Do not hide cords under rugs or carpets. Placing anything on top of the cord or unit as it could cause the cord or machine to overheat, and can cause a fire.
- Do not use an extension cord unless absolutely necessary. Using a light-duty, household extension cord with high-wattage appliances can start a fire. If you must use an extension cord, it must be marked #14 or #12 AWG; this tells the thickness or gauge of the wire in the cord. Do not use a cord marked #16 or #18 AWG. Only use extension cords bearing the label of an independent testing laboratory such as U.L. or E.T.L.
- Be sure the plug fits snugly in the outlet. Since a loose plug can overheat, have a qualified repairman replace the worn-out plug or outlet. Since extractor draw lots of power, the cord and plug may feel warm. If the plug feels hot, unplug the heater and have a qualified repairman check for problems. Using an extractor with a hot cord or plug could start a fire.
- If a extractor is used on an outlet protected by a ground fault circuit interrupter (GFCI) and the GFCI trips, do not assume the GFCI is broken. Because GFCIs protect the location where leakage currents can cause a severe shock, stop using the extractor and have it checked, even it if seems to be working properly.
- Broken extractor should be checked and repaired by a qualified service center. Do not attempt to repair, adjust or replace parts yourself as this will void warranty.



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