

HEAT PRESS

MODEL No: DM1005

INSTRUCTION MANUAL

CONTACT

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INTRODUCTION

DULYTEK DM1005 manual heat press is a machine engineered and manufactured for solvent-less plant rosin oil extraction for further use in research laboratories, pharmaceutical, cosmetic, food processing, and brewing industries.

**READ BEFORE
OPERATING
MACHINERY**

To avoid accidents, first read SAFETY PRECAUTIONS (PAGE 2) and HANDLING PRECAUTIONS (PAGE 4).

Read this manual carefully to ensure you use the press correctly. After reading and familiarizing yourself with the equipment, store the manual in a safe place for future references.

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NOTICE**

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DISCLAIMER

This unit is intended for LEGAL use only, in accordance with your federal, state, and local laws, ordinances, and regulations.

Please keep this manual in a safe place for future references.

SAFETY PRECAUTIONS

The following precautions are provided to prevent harm or injury to yourself and others. Please make sure to thoroughly read, understand, and follow these precautions before using the product.

SAFETY PRECAUTIONS (continued)

If product is damaged, appears to be damaged, or malfunctions, contact DULYTEK customer service at help@dulytek.com.

WARNING: Follow the warnings below. Otherwise, death or serious injuries may occur.



- Use this product only as described in this manual.
- Keep the equipment out of the reach of children at all times.
- Unplug the heat press from the electrical outlet and let it cool down COMPLETELY before cleaning, performing maintenance, or repair.
- DO NOT operate the product after the appliance malfunctions or is dropped or damaged in any way.
- DO NOT operate the press if the plates are dirty. Clean the plates with isopropyl alcohol and wipe them dry with a clean cloth. Ensure both plates are completely dry before use.
- DO NOT immerse the press, its power cord, and plugs in water or any other liquid.
- DO NOT place the product on or near a hot gas or electric burner, heated oven, or any other heat source.
- DO NOT operate the product with a damaged cord or plug.
- DO NOT leave any cords near a heat source. It can deform the cord or melt its insulation causing electrical shock or fire.
- Always insert the power plug all the way in.
- DO NOT handle a power plug or other components of the press with wet hands.
- When unplugging a power cord, grasp and pull with the plug instead of the cord.
- DO NOT scratch, cut, twist, excessively bend, or tie the cord or put a heavy object on it.
- DO NOT let the power cord drape over the countertop or tabletop, where it can be accidentally tripped over or pulled on.
- DO NOT connect too many power plugs to the same power outlet.
- DO NOT cover the press with a cloth. Doing so may trap heat within and cause fire.
- Remove dust around the plug and power cord with a dry cloth. If the

SAFETY PRECAUTIONS (continued)

- surrounding is dusty, humid, or oily, short-circuit may occur, causing a fire.
- DO NOT remove the machine cover.
- DO NOT disassemble the press or make any modifications to the equipment.

HANDLING PRECAUTIONS



- The press must be operated on a hard, level surface, away from its edges to prevent accidental tipping over.
- Work area must be kept clean, tidy, and free of obstructions to the press moving parts.
- Always attach the power cord to the press first, then plug it into the wall outlet.
- To unplug the press, turn OFF the power switch, only then remove the plug from the outlet.
- DO NOT touch the press's hot surfaces. Use heat-resistant gloves or tools. Care must be exercised as serious burns can occur from touching hot platens.



- Keep your hands and other body parts away from the press moving parts to prevent injury.
- This press comes with a power cord that fits into a standard household 3-prong outlet (110V American market and 220V European market). DO NOT attempt to use the equipment with a two-prong electrical cord or any other way without proper grounding.
- Contact DULYTEK at help@dulytek.com if the equipment does not start or if smoke or unusual odors are detected.
- Always turn the machine OFF and unplug it when done using.

UNPACKING

UNPACKING PRECAUTIONS

WARNING: Keep the packaging materials (cardboard, foam, plastic bags, etc.) out of the reach of children to prevent accidental choking, suffocation, strangulation, and other injuries.

Preserve the shipping container. DO NOT discard or disassemble the shipping box. It is designed to hold the weight of the product and should be used in case you need to return the equipment for repair or warranty maintenance in the future. DO NOT attempt to ship the press in a different container.

UNPACKING INSTRUCTIONS

1. Place the box on a large, sturdy, flat surface.
2. Open the box and remove the instruction manual and all parts that came with the press.
3. Remove the packaging material and carefully lift the press out of the box.
4. Remove any protective or promotional labels from the press and other parts if applicable.
5. Examine the heat press after unpacking for any damage. If found one, take a picture and contact DULYTEK at help@dulytek.com immediately.

ITEM CHECKLIST

Before starting, please make sure that the following items are included with your press machine. If anything is missing, contact DULYTEK.

1. DULYTEK DM1005 Heat Press;
2. AC Power Cord;
3. Instruction Manual.

RECOMMENDED PARTS

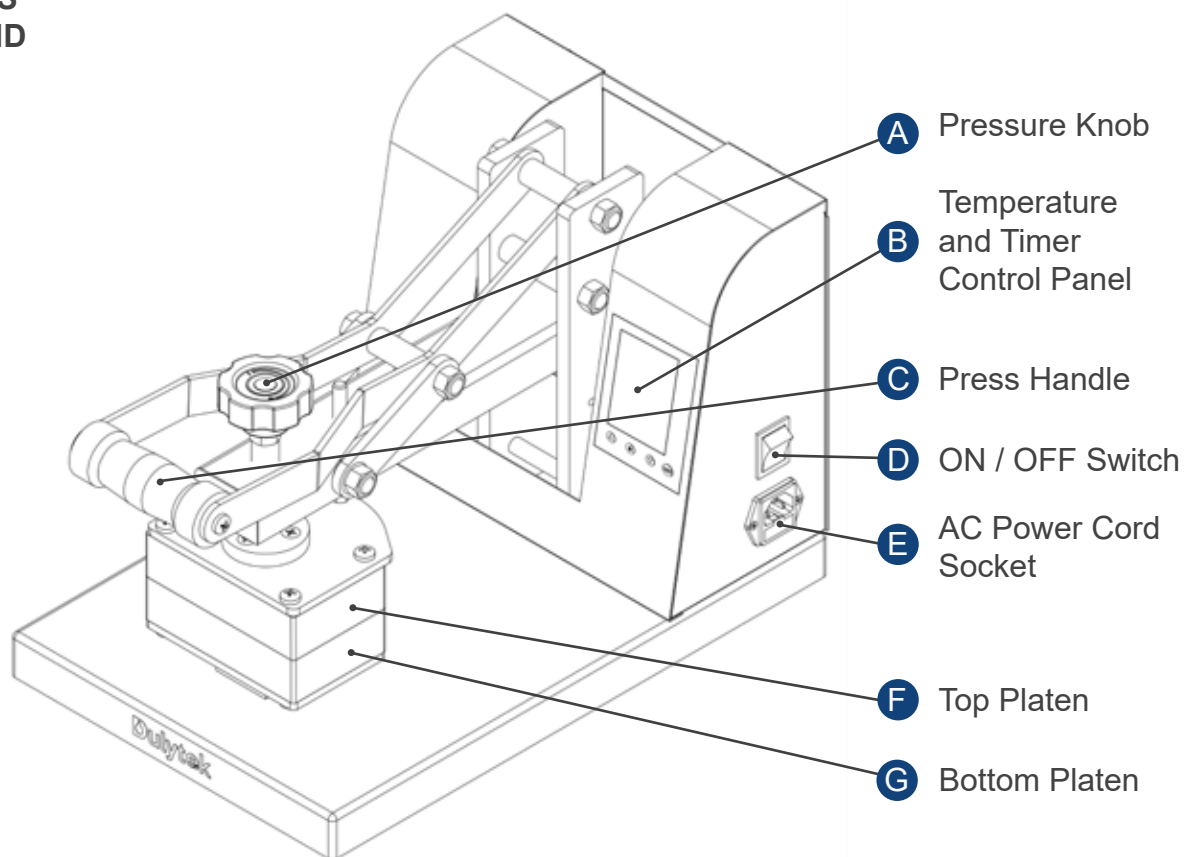
The following items are recommended to successfully press rosin oil:

1. Parchment paper sheets;
2. Pre-press mold;
3. Humidity packs;
4. Collection tools (dab tools, glass stamp).

Please see ROSIN PRESSING TIPS (PAGE 9) for more information.

GETTING FAMILIAR

DM1005 PRESS FEATURES AND CONTROLS



OPERATING INSTRUCTIONS

PREPARING PRESS

1. Prepare materials you wish to press. See ROSIN PRESSING TIPS (PAGE 9).
2. Make sure the press stands on a flat sturdy countertop.
3. Ensure the press is clean and free of residue or dust buildup.
4. Make sure all switches and controls are turned OFF.
5. Insert the AC power cord that came with the product into the press AC power cord socket **E** and then plug its other end into an electrical outlet (110V for USA / 220V for EUR).

OPERATING INSTRUCTIONS (continued)

SETTING PRESSURE

With the press locked in the downward position, turn the pressure knob **A** clockwise to increase pressure or counterwise to reduce it. Use it to adjust the vertical position of the top platen in relation to the bottom platen during the lock-in. The larger amount of pressing material may require a larger distance between the platens to successfully close the press. Experiment lifting and lowering the press handle to make sure it locks at the right height for you.

STARTING PRESS

1. Lift up the handle **C** opening the press machine.
2. Flip the ON / OFF switch **D** to turn on the press. The control panel and the switch become lit.

SETTING CONTROL PANELS

The control panel **B** is used to set temperature for the platens, timer, and Fahrenheit or Celsius preferences. Please follow the steps below to record the desired settings:

1. Press Set **(●)** button on the control panel (Fig. 1) to go to the temperature setting mode for the top platen.
2. Press Up **(▲)** or Down **(▼)** buttons to select the desired temperature (Fig. 2). The selected temperature is shown on the upper **[U]** line of the display. Tip: Enter the temperature either in °F or °C; you will be able to select the temperature scale later.
3. Press Set **(●)** button again (Fig. 3) to go to the temperature setting mode for the bottom platen.



Fig. 1



Fig. 2



Fig. 3



Fig. 4

4. Press Up **(▲)** or Down **(▼)** buttons to select the desired temperature (Fig.

OPERATING INSTRUCTIONS (continued)

SETTING CONTROL PANELS (continued)



Fig. 5



Fig. 6



Fig. 7



Fig. 8








- 4). The selected temperature is shown on the lower line L of the display.
5. Press Set  button again (Fig. 5) to go to the timer setting mode.
6. Press Up  or Down  buttons to select the desired time in seconds (Fig. 6).
7. Press Set  button to go to the temperature scale selection mode (Fig. 7).
Tip: Depending on your machine's default settings, you may either see "F" or "C" on the display indicating the currently selected temperature scale (°F or °C).
8. Press Up  or Down  buttons to select either °F or °C (Fig. 8) OR skip this step if you are satisfied with the current selection.
9. Press Set  button once more (Fig. 9) to record all control panel's settings. The platens start heating, and the heating icons are now displayed on the screen (Fig. 10).



Fig. 9



Fig. 10



Fig. 11



Fig. 12

OPERATING INSTRUCTIONS (continued)

PRESSING

1. Wait until the platens heat up to the desired temperature (Fig. 11). Tip: Once heating is finished, the heating icons are turned off.
2. Place the prepared material in the center of the bottom platen **G**.
3. Lower the press handle **C** locking in the press.
4. Press TIMER button on the control panel **B** to start the countdown (Fig. 12). The countdown is now shown on the lower line of the display.
5. Wait until the countdown ends and the press starts beeping.
6. Press TIMER button again to turn off the timer and stop beeping.
7. Lift up the press handle **C**.
8. Remove the pressed material using heat resistant gloves or tools and exercising extreme caution.

TURNING OFF THE PRESS

1. Turn the machine off by flipping ON / OFF switch **D** when done pressing.
2. Unplug and then disconnect the AC power cord from the press.
3. Wait until the press cools down completely to clean and store it.

CLEANING PRESS PLATES

1. Make sure the press plates are completely cooled down before cleaning.
2. Apply a small amount of alcohol to a clean cloth and wipe down the plates until clean. Use rubbing alcohol that contains at least 80% by volume of isopropyl alcohol.
3. Wipe plates with a dry clean cloth.
4. Repeat these steps for cleaning all associated tools.

ROSIN PRESSING TIPS

PLANT MATERIAL

For the optimal yield and quality, select plant material that has been harvested within 2 to 6 weeks of pressing.

Maintain your plant relative humidity at around 62%. Store your herbs in an airtight containers with two-way humidity packs in a dark place. Allow at least 48 hours for the material to reach the optimal humidity level. Open the jars one or two times per day to air them for a few minutes before re-sealing.

Grind or break up your starting material and compact it into a puck using a pre-

ROSIN PRESSING TIPS (continued)

PLANT MATERIAL (continued) press mold.

Place the puck inside a folded parchment paper sheet. Leave some space between the fold and the puck to avoid tearing the parchment paper during pressing.

FILTER BAGS The use of filter bags is not recommended with the DM1005 machine.

TEMPERATURE AND TIME

Plant Material	Temperature	Time, seconds
Kief, hash, dry sift, trim	165 °F - 195 °F / 74 °C - 90 °C	60 - 130
Flower	190 °F - 225 °F / 87 °C - 105 °C	30 - 220

Cold pressing (pressed at 160 °F - 190 °F / 70 °C - 87 °C for 1 - 5 minutes) results in a malleable, batter consistency terpene-rich rosin but comes with a sacrifice in yield.

Hot pressing (pressed at 190 °F - 225 °F / 87 °C - 105 °C for 40 seconds to 3 minutes) produces a sappy or shatter-like rosin. The hotter you press, the higher yield you get. Anything over 225°F generally has a notable drop in quality and terpenes.

For better terpene preservation, press at 210 °F or below. For flower, start pressing at 200 °F / 93 °C for 85 - 125 seconds and evaluate from there.

COLLECTION METHODS Use a glass stamp to collect gooye rosin. Push the stamp down on the extracted concentrate; it will pick up the material. Scrape rosin from the stamp with a clean stainless steel tool.

MAKING BUDDER Constantly stir freshly pressed rosin with a warm dabbing tool until a creamy texture is achieved. Whipped rosin, also known as “budder”, is more malleable and easier to manage.

ROSIN PRESSING TIPS (continued)

MORE INFORMATION

Please see our website and subscribe to our newsletter and Dulytek social media pages for more tips, innovations, industry news, and discounts.

TECHNICAL SPECIFICATIONS

PARAMETER	USA MARKET	EU MARKET
Model	DM1005	DM1005-E
Press Force	1000 lb	
Power	600 W	
Current	5.5 A	3 A
Voltage	110 V	220 V
Frequency	50 / 60 Hz	
Dual Heating Plates	Yes	
Platen Size	3 x 5 inch / 76 x 127 mm	
Temperature Range	up to 356 °F / 180 °C	
Timer Range	0 - 999 sec	
Dimensions	15 x 10 x 11 inch / 38 x 25.4 x 28 cm	
Weight	30 lb / 13.6 kg	
Package Dimensions	18.5 x 13 x 14.2 inch / 47 x 33 x 36 cm	
Package Weight	35 lb / 15.9 kg	
Certifications	CE / RoHS	