

# HEAT PRESS

MODEL No: DW4000

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INSTRUCTION MANUAL

## CONTACT

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## INTRODUCTION

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DULYTEK DW4000 manual heat press is a machine engineered and manufactured for solvent-less plant rosin oil extraction for individual use or small operation businesses in research laboratories, pharmaceutical, cosmetic, food processing, and brewing industries.

**READ BEFORE  
OPERATING  
MACHINERY**

To avoid accidents, first read SAFETY PRECAUTIONS (PAGE 3) 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.

If product is damaged, appears to be damaged, or malfunctions, contact DULYTEK customer service at [help@dulytek.com](mailto: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 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 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 operate the product after the appliance malfunctions or is dropped or damaged in any way.
- DO NOT cover the press with a cloth. Doing so may trap heat within and cause fire.

## SAFETY PRECAUTIONS (continued)

- Remove dust around the plug and power cord with a dry cloth. If the 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 all controls and switches, 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 burns can occur from touching 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). DO NOT attempt to use the equipment with a two-prong electrical cord or any other way without proper grounding.
  - Contact DULYTEK 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 injury.**

Preserve the shipping carton. 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](mailto: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.

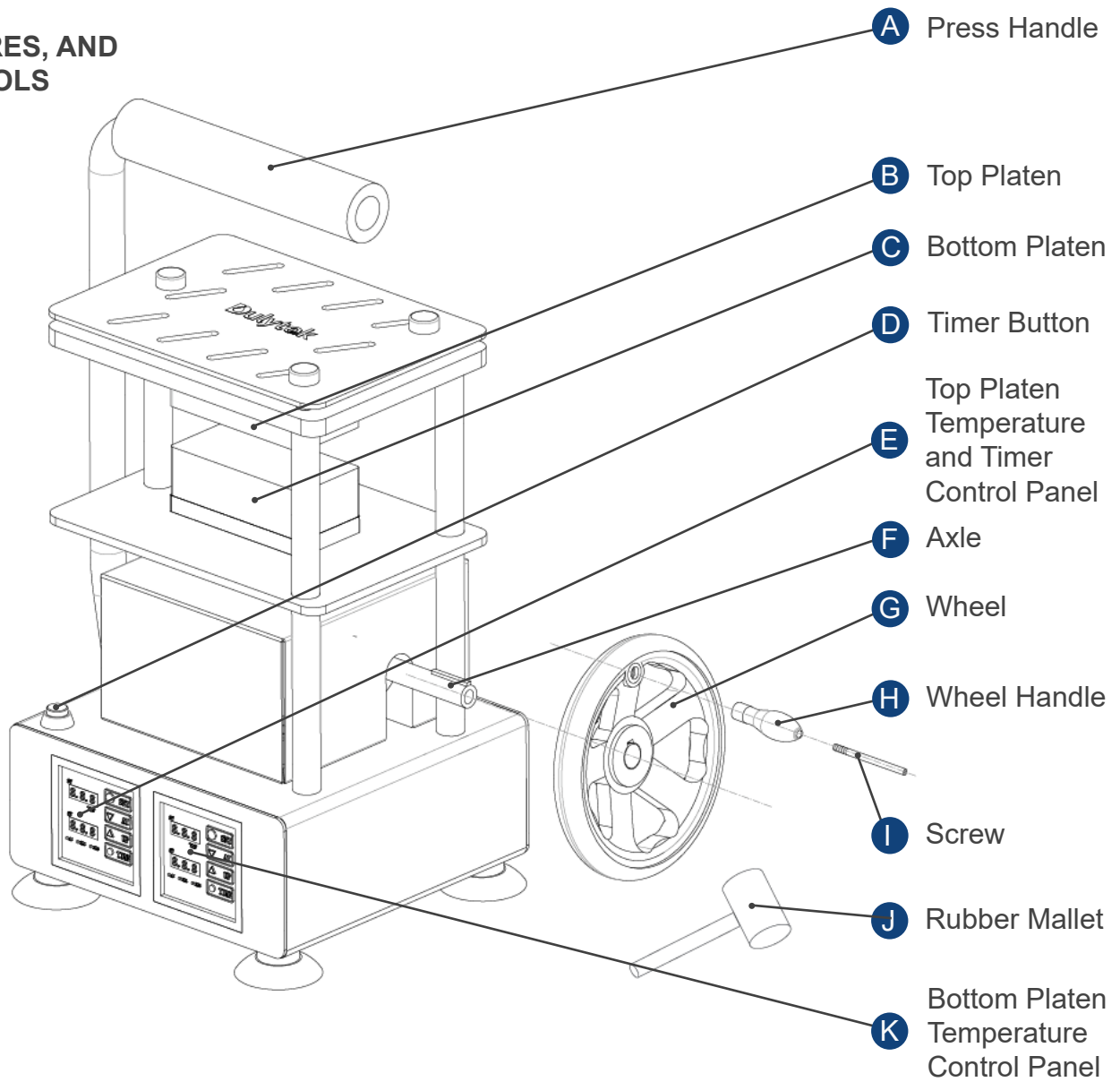
1. DULYTEK DW4000 Heat Press;
2. Wheel;
3. Wheel Handle;
4. Screw;
5. Rubber mallet;
6. AC Power Cord;
7. Instruction Manual.

### RECOMMENDED PARTS

- The following items are recommended for pressing rosin oil:
1. Tea bag filters;
  2. Parchment paper sheets.

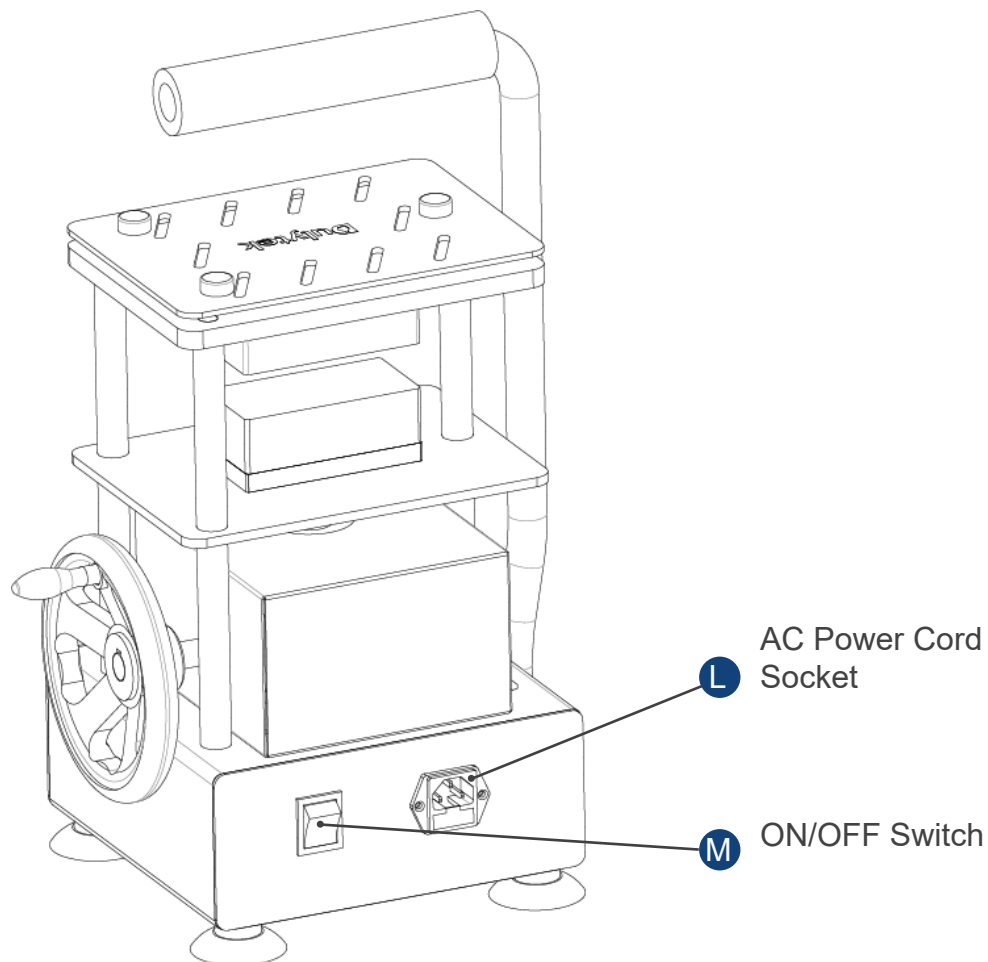
# GETTING FAMILIAR

## DW4000 PRESS PARTS, FEATURES, AND CONTROLS



## GETTING FAMILIAR

### DW4000 PRESS PARTS, FEATURES, AND CONTROLS (continued)



## ASSEMBLY INSTRUCTIONS

### ASSEMBLY

1. Make sure the press stands on a flat sturdy countertop.
2. Insert the wheel **G** onto the axle **F** making sure its groove aligns with the axle ridge.
3. Use the enclosed rubber mallet **J** to gently hammer the wheel in place.
4. Thread the long screw **I** through the the wheel handle **H** into the wheel **G** (as shown on the page 6).
5. Tighten the screw **I** by hand.



## OPERATING INSTRUCTIONS

### PREPARING AND STARTING THE PRESS

1. Prepare materials you wish to press.
2. Insert the AC cord that came with the product into the press AC power cord socket **L** and then plug its other end into an electrical outlet (110V).
3. Flip the ON/OFF switch **M** to turn the press on. The control panels **E** and **K** light up.

### SETTING CONTROL PANELS

The press comes with two control panels, **E** and **K**.

The top platen temperature is set using the control panel **E**, and the bottom platen temperature - the control panel **K**. Both control panels allow you to set temperature either in Fahrenheit or Celsius degree. The press timer is set using the control panel **E**. Please follow the steps below to record the desired press settings:

1. Press SET button on the first control panel (Figure 1) to get into the temperature setting mode. You should now see "P - 1" on the display (Figure 2).
2. Press UP or DOWN buttons to select the desired temperature (Figure 3). The selected temperature is shown in green on the second line of the display.

Tip: Enter the temperature either in °F or °C; you will be able to select the temperature scale later.



Figure 1



Figure 2



Figure 3

3. Press SET button again (Figure 4) to go into the press timer settings mode. Now, you should see "P - 2" on the display (Figure 5).

## OPERATING INSTRUCTIONS (continued)

### SETTING CONTROL PANELS (continued)

- Press UP or DOWN buttons to select the desired time in seconds (Figure 6) OR skip this step altogether and proceed to the step 5 if you are setting the control panel **K**.



Figure 4



Figure 5



Figure 6

- Press SET button again (Figure 7) to go into the temperature scale selection mode. Now, you should see "P - 3" on the display (Figure 8).  
Tip: Depending on your machine's default settings, you may either see "F" or "C" on the second line of the display, indicating the currently selected temperature scale (°F or °C). The corresponding LED indicator, °F or °C, will also be lit.
- Press UP or DOWN buttons to select either °F or °C (Figure 9) OR skip this step if you are satisfied with the current selection.



Figure 7



Figure 8

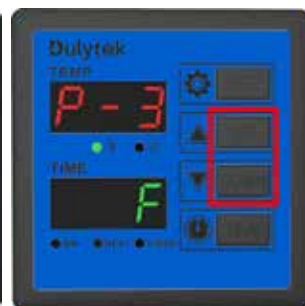


Figure 9

## OPERATING INSTRUCTIONS (continued)

### SETTING CONTROL PANELS (continued)

7. Press SET button again (Figure 10) to record all control panel's settings.
8. Repeat the steps 1 to 7 on the remaining control panel.



Figure 10



Figure 11



Figure 12

### PRESSING

1. Wait until both platens heat up to the desired temperature(s). Tip: Digits on the upper line of the control panel displays show the current temperature of the corresponding platen, and numbers on the bottom line - the set temperature. The HEAT LED indicators will be lit while the press is heating the platens (Figure 11). Once heating is finished, the indicators are turned off, and the temperatures shown on both lines should be the same.
2. Place the material you wish to press in the center of the bottom platen **C**.
3. Turn the wheel clockwise using the wheel handle **H** to raise the bottom platen **C** and continue rotating it until the maximum pressure is reached.
4. Let off the wheel handle **H**. The maximum reached pressure will be maintained.
5. Press the timer button **D** to start the timer. The control panel **E** starts displaying the countdown.
6. Wait until the countdown ends and the press beeps. The TIMER indicator lights up (Figure 12).
7. Press the timer button **D** again to turn off the timer. The TIMER indicator turns off, and the beeping stops.
8. Rotate the wheel counterclockwise using the wheel handle **H** to release the press.
9. Remove the pressed material using heat resistant gloves or tools and exercising extreme caution.

## OPERATING INSTRUCTIONS (continued)

### TURNING OFF THE PRESS

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

### CALIBRATING TEMPERATURE CONTROLS (optional)

Calibrating a control panel should be done if the actual temperature shown on its screen deviates from the set temperature after heating is done. Please follow the steps below to calibrate and proof-read the affected temperature control:

1. Press DOWN button for 5 seconds to enter into Temperature Collation mode (Figure 13). The ON LED indicator will light up (Figure 14).
2. Wait for approximately 4 to 5 minutes. The temperature control will re-calibrate itself and adjust to the set values (Figure 15).



Figure 13



Figure 14



Figure 15

## TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATIONS
Model	DW4000
Press Force	4000 lb / 2 Ton
Power	500 W
Current	4.5 A
Voltage	110 V
Frequency	50 Hz
Dual Heating Plates	Yes
Platen Size	4 x 2 inch / 100 x 50 mm
Temperature Range	up to 750 °F / 399 °C
Temperature Scale	Fahrenheit / Celcius
Timer	up to 999 seconds
Dimensions	17.9 x 10 x 10 inch / 45.5 x 25.5 x 25.5 cm
Weight	42 lbs / 19 kg
Package Dimensions	20.7 x 12.8 x 12.8 inch / 52.5 x 32.5 x 32.5 cm
Package Weight	46.3 lbs / 21 kg
Certifications	CE / RoHS