

HEAT PRESS

MODEL No: DM2

INSTRUCTION MANUAL

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INTRODUCTION

DULYTEK DM2 manual heat press is engineered and manufactured for personal use or use in research laboratories, pharmaceutical, cosmetic, food processing, textile printing, and brewing industries. Its best applications are for personal use.

**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 all controls and switches, only then remove the plug from the outlet.
- DO NOT touch the press 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 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 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 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 press and its parts 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 machine. If anything is missing, contact DULYTEK.

1. DULYTEK DM2 Heat Press;
2. Table Clamp;
3. AC Power Cord;
4. Instruction Manual.

RECOMMENDED PARTS

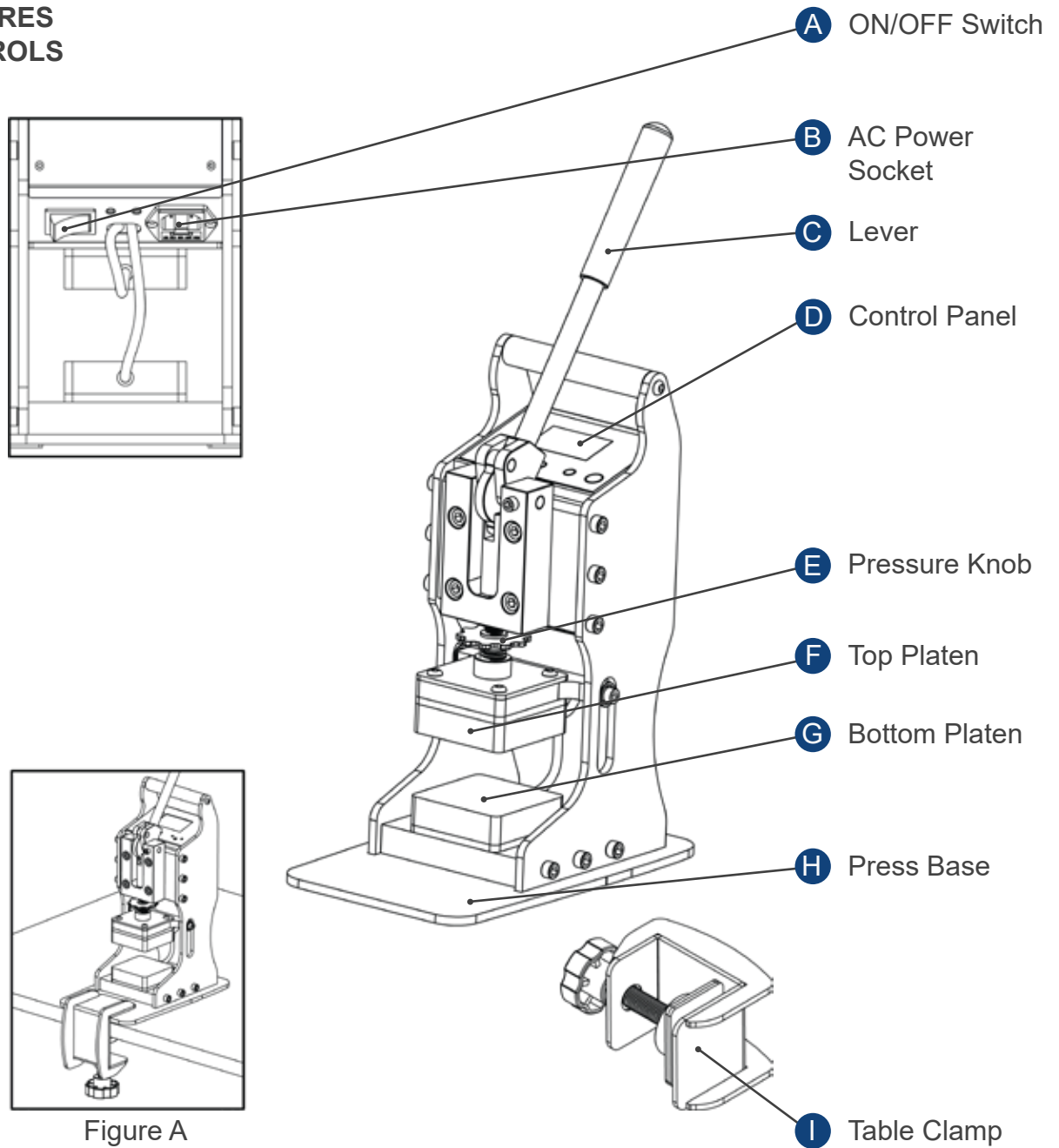
The following items are recommended for use with this machine:

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

Please see PRESSING TIPS (<https://bit.ly/2YuM8pR>) for more information.

GETTING FAMILIAR

DM2 FEATURES AND CONTROLS



OPERATING INSTRUCTIONS

PREPARING PRESS

1. Prepare materials you wish to press. Please see PRESSING TIPS (<https://bit.ly/2YuM8pR>) for more information.
2. Make sure the press stands on a flat sturdy table or countertop.
3. Optional but strongly recommended: Secure the press by fastening its base **H** to the table surface with the included table clamp **I** as shown on the Figure A. Tighten the clamp knob.
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 **B** and then plug its other end into an electrical outlet (110V for USA / 220V for EUR).

ADJUSTING PRESSURE

Turn the pressure knob **E** clockwise to increase pressure or counterclockwise to reduce it. Use it to adjust the vertical position of the top platen **F**. A larger amount of starting material may require a larger distance between the platens to successfully close the press. Experiment lifting and lowering the lever **C** to make sure the press locks at the right height for you.

STARTING PRESS

1. Lift the press lever **C** to lift up the top platen **F**.
2. Flip the ON/OFF switch **A** to turn the press on. The control panel **D** lights up.

SETTING CONTROL PANEL

The control panel **D** is used to set temperature for both 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.



Fig. 1



Fig. 2



Fig. 3

OPERATING INSTRUCTIONS (continued)

SETTING CONTROL PANEL (continued)



- 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.
- Press SET button again (Fig. 3) to go to the temperature setting mode for the bottom platen.



Fig. 4



Fig. 5



Fig. 6





- Press Up  or Down  buttons to select the desired temperature (Fig. 4). The selected temperature is shown on the lower line **L** of the display.
- Press SET button again (Fig. 5) to go to the timer setting mode.
- Press Up  or Down  buttons to select the desired time in seconds (Fig. 6).
- 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).





Fig. 7



Fig. 8



Fig. 9

- 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.

OPERATING INSTRUCTIONS (continued)

SETTING CONTROL PANEL (continued)

- 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. 10



Fig. 11



Fig. 12

PRESSING

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

TURNING OFF PRESS

- Flip the ON/OFF switch **A** to turn the machine off when done pressing.
- Unplug and then disconnect the AC power cord from the press.
- Wait until the press cools down completely to clean and store it.

CLEANING PRESS PLATES

- Make sure the press plates are completely cooled down before cleaning.
- Apply a small amount of alcohol to a clean cloth and wipe down the plates until clean.
- Wipe plates with a dry clean cloth.
- Repeat these steps when cleaning all associated tools.

TECHNICAL SPECIFICATIONS

PARAMETER	USA MARKET	EU MARKET
Model	DM2	DM2-E
Maximum Force	4000 lb / 2 Ton	
Power	360 W	
Current	3.27 A	1.64 A
Voltage	110 V	220 V
Frequency	50 / 60 Hz	
Dual Heating Plates	Yes	
Platen Size	3 x 3 in / 75 x 75 mm	
Platen Thickness	0.8 in / 20 mm	
Temperature Range	up to 302 °F / 150 °C	
Timer Range	0 - 999 sec	
Dimensions	10.3 x 6.3 x 13.8 in / 26.2 x 16 x 35 cm	
Weight	25.3 lb / 11.5 kg	
Package Dimensions	12.7 x 8.7 x 16.1 in / 35 x 23.5 x 25 cm	
Package Weight	28.2 lbs / 12.8 kg	
Certifications	CE / RoHS	