HP3801

Clam Heat Press

Pressure Adjust Knob

Temperature Control Panel

Press Handle

Time Control Panel

Power Switch & Socket

Heat Plate

SIGNZWORLD

Operator's Manual

THIS MACHINE IS NOT SUITABLE FOR MINORS TO USE OR FOOD PROCESSING

Safety Guide

**Please read these instructions and safety precautions carefully
before using your heat press**

- Never reach into the heat press with your hands when it is connected to the power supply, particularly when it is switched 'ON' and heated up – DANGER OF SEVERE BURNS!

- Never open the housing or attempt to modify the machine yourself; the machine needs to be sent back for repair.

- Ensure that liquids and metal objects do not get into the inside of the heat press.

- Ensure that the power socket used is grounded.

- Note: It is only permissible to operate a heat press from a power socket protected by a ground fault protection switch.

- Disconnect the power plug if the machine is not to be used for a longer period of time.

- Never operate the heat press within the reach of children and never leave the machine unsupervised when switched 'ON'.

- Ensure that the machine is used only in dry rooms.

- Turn the machine 'OFF' and disconnect the power when not in use. Safety comes first!

- WEAR HEAT-RESISTANT GLOVES AT ALL TIMES TO AVOID INJURY

- Please turn the machine off for several minutes at least every hour.

Technical Specifications

Voltage: 110 / 220v
Power: 1400w
Time Range: 0 - 999 secs
Temperature Range: 0 – 400 °C
Printing Area: 38 x 38 m
Gross Weight: 27 kg
Package Size: 74 x 49 x 48 cm

Operation Instructions

1. Place the material on the working table (bottom plate), adjust the pressure according to material.

2. Connect the power cable and switch the power on.

3. Set the desired Time & Temperature using the control panels

    1. Press **SET** on the **Top control panel**. Now use the arrows to set a **Temperature**. Press **SET** once more to register it.

    2. Press **SET** on the **Bottom control panel**. Now use the arrows to set a **Time**. Press **SET** once more to register it.

        100% Cotton: 180 C, with TRANSFER paper 15-20 seconds
        100% Polyester: 180 C, with SUBLIMATION paper 30-50 seconds

        TIP: Try small samples to get the best pressure, time, and temp before starting production runs. These settings may vary drastically between materials.

4. The heat plate temperature should now rise. Wait for it to reach the set value.

5. When the heat is reached, place the print/media onto the material on the work table (cover with Teflon sheet if needed) and close the handle.

6. A buzzer should sound when the time reaches 0. Immediately release the handle and remove the material.

Troubleshooting

Problem	Cause	Solution
No display after powering up	Poor outlet contact or fuse is blown	Change the power cable and check outlet. Replace fuse with the supplied backup fuse
Fails to heat up but Control box Display OK	The heat plate is burnt out	Check heat plate connections. Replace the heat plate
Lack of colour, faded image	Insufficient temperature/time	Allow to pre-heat more and/or adjust the time
Colour is off, blurred image	Pressed for too long, temperature too high	Adjust the temperature/time
Actual Temp exceeds Set Temp	Relay Broken	Replace the Relay