

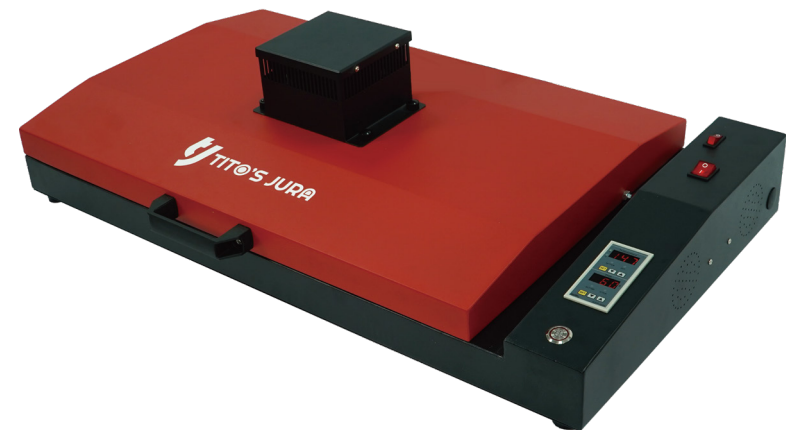
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Welcome to the World of Heat Pressing Excellence!

You've just taken the first step toward enhancing your heat press journey with one of the highest-quality machines on the market. Whether you're a DIY creator or a professional working in the apparel industry, our equipment is engineered to meet the highest standards of precision and durability.

This manual has been crafted to provide you with detailed instructions and best practices to ensure optimal performance. And to enhance your experience, our team is dedicated to offering free lifetime technical support, ensuring that your investment continues to deliver value for years to come.

Thank you for choosing us, where quality and customer satisfaction are paramount.





Dear Customers,

Thank you for choosing our DTF Oven. Please carefully read this manual and familiarize yourself with the following safety instructions. Pay close attention to the warnings and precautionary measures, as improper operation could lead to damage or injury.

1. General Safety Information

Electrical Safety: Before use, ensure the machine is properly grounded to avoid the risk of electric shock, which can cause serious injury. Never attempt to operate the oven if grounding is not secure.

Static Electricity: If you are sensitive to static electricity, take appropriate personal protective measures while operating the DTF Oven to prevent static discharge.

2. Operational Precautions

Temperature and Time Control: The DTF Oven features precise temperature and time controls, adjustable from 0 to 999 seconds and with a curing temperature up to 160°C (320°F).

3. Pre-Start Check

Inspection Before Use: Before starting the oven, ensure that all wiring and connections are secure. Check that the oven is properly grounded and that there are no exposed wires.

Handling Hot Surfaces: The oven reaches high temperatures during operation. Do not touch the heated areas of the machine when it is in use. Always allow the oven to cool down before performing any maintenance or adjustments.

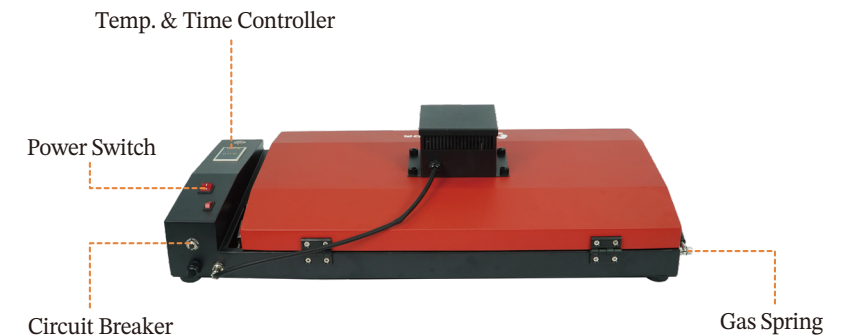
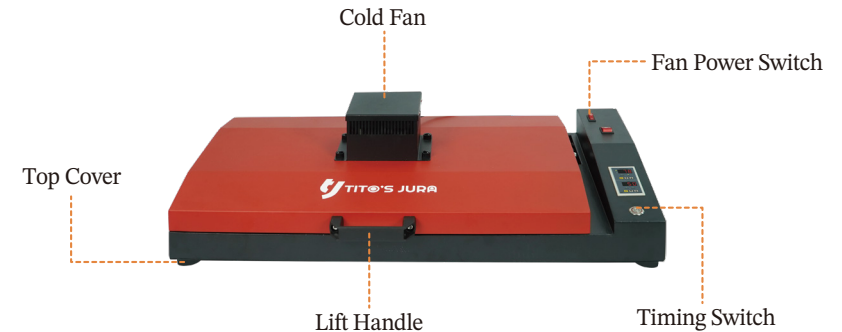
4. Emergency Safety Procedures

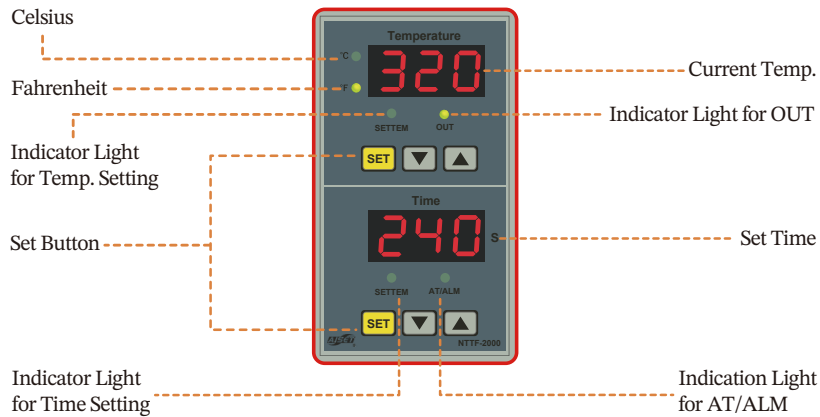
In Case of Emergency: In the event of a malfunction or electrical hazard, immediately disconnect the power supply and contact qualified service personnel.

Proper Maintenance: Regularly inspect the oven for any signs of wear or damage. Replace any faulty components and ensure all parts are functioning correctly before use.

We appreciate your trust in our products and wish you a safe and successful experience with your DTF Oven.

Machine Structure





"Temperature" displays the current temperature.

"Time" displays the current set time.

°F is Fahrenheit, °C is Celsius.

(The maximum temperature can be set to 491°F, and 255°C. The suggested curing temperature is 320°F, and 160°C)

SETTEM, OUT, SETTIME, AT/ALM are indicator lights.

SET, "▼" and "▲" are the setting buttons.



Press "SET" Button under the Temperature. The "SETTEM" indicator light is on, press the "▼" or "▲" buttons to adjust the curing temperature.



Press the "SET" button again to save the setting. The "SETTEM" indicator light is off, the "OUT" indicator light is on. The current temperature is displayed. The machine will then enter heating mode.

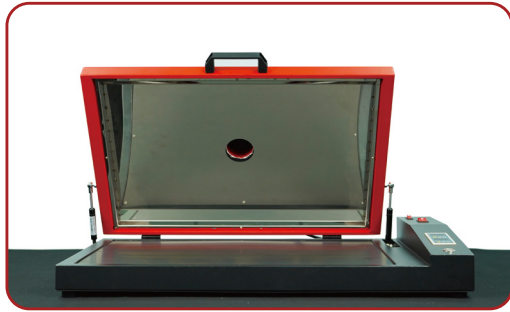
Press "SET" Button under the Time. The "SETTIME" indicator light is on, press the "▼" or "▲" buttons to adjust the desired time.



Turn on the power switch and the display will be on. The digital display shows as the beside.

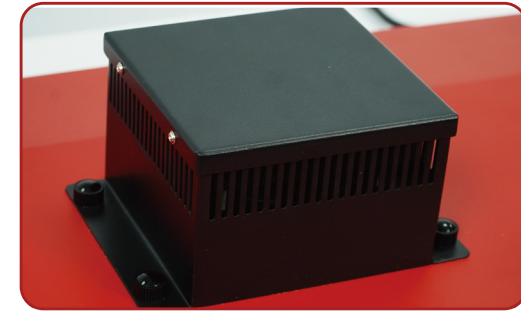


Press the "SET" button again to save the time setting.



Our DTF oven uses mica sheet heating technology, replacing traditional lamp-based heating systems. Mica sheet heaters offer several significant advantages that enhance the performance and efficiency of the oven:

- **Even Heat Distribution:** Provides uniform heat for consistent, high-quality curing.
 - **Faster Heating:** Heats up quickly, reducing overall curing times.
 - **Energy Efficient:** Consumes less energy, lowering operating costs.
 - **Longer Lifespan:** Mica heaters are more durable and require fewer replacements.
 - **Precise Temperature Control:** Ensures optimal curing for better transfer results.
 - **Safer Operation:** Lower surface temperatures reduce overheating risks.
- With mica sheet heating, our DTF oven offers superior performance, efficiency, and safety.



Our DTF oven is equipped with a high-performance cooling and exhaust fan that plays a critical role in maintaining safety and efficiency during operation:

- **Smoke Extraction:** The fan effectively removes smoke and fumes generated during the curing process, ensuring a cleaner and safer working environment.
- **Air Purification:** Equipped with a PM2.5 filter, the fan purifies the extracted air by capturing fine particles, minimizing harmful emissions and contributing to a healthier workspace.
- **Temperature Regulation:** The fan aids in dissipating excess heat, helping to regulate the internal temperature of the oven and prevent overheating.
- **By integrating a smoke extraction system with air purification capabilities, our DTF oven ensures optimal safety, environmental friendliness, and operational reliability.**

Power On the Oven

Plug in the power cord and switch on the power. Set the curing temperature and time. The recommended curing temperature is 320°F (160°C). The oven will begin to heat up to the set temperature.



Prepare Materials

Prepare the transfer film that needs to be cured. Wait until the oven reaches the pre-set temperature.



Start the Curing Process

Once the temperature reaches the set value, open the DTF oven. Place the transfer film into the oven with the side to be cured facing upward. Close the oven lid securely. Turn on the fan switch and press the timing switch to start the countdown for curing.



Complete the Curing Process

When the countdown ends, open the oven lid carefully. Wear heat-resistant gloves to remove the cured transfer film. Allow the transfer film to cool down before handling further.



Note: Always follow the safety instructions provided in this manual for optimal performance and safety.

To ensure optimal performance and safety while using the DTF Oven, please follow these tips:

Preheat the Oven: Always allow the oven to fully preheat to the set temperature before starting the curing process. This ensures consistent results.

Use Proper Ventilation: Turn on the fan during operation to extract fumes and utilize the PM2.5 filter for cleaner air. If possible, position the oven in a well-ventilated area or connect to an external vent.

Handle with Care: Always use heat-resistant gloves when handling transfer films or opening the oven after curing. The interior and materials will be very hot.

Placement of Transfer Film: Ensure the side to be cured is facing upward for effective heat transfer. Position the film flat to avoid uneven curing.

Avoid Overloading: Do not overcrowd the oven. Curing multiple films at once may lead to inconsistent results.

Monitor the Process: Keep an eye on the curing time and temperature settings. Overheating or excessive curing time may damage the film or result in poor transfer quality.

Clean Regularly: After cooling, clean the oven's interior to remove any residue. This helps maintain performance and prevents contamination of future transfer films.

Check Filters: Periodically inspect the PM2.5 filter for dust and replace it as needed to ensure efficient air purification.

Power Safety: Ensure the machine is properly grounded and connected to the correct power supply. Turn off the power after use.

Test Settings: Before large-scale production, test the temperature and timing settings with a sample to confirm optimal curing conditions for your specific transfer film and ink.

By following these tips, you can maximize the efficiency, safety, and quality of your DTF oven's performance.