



## DTF OVEN A380 USER MANUAL

**This document includes:**

1. Installation diagram
2. Oven operation process
3. The curing method
4. The preset temperature setting
5. Equipment maintenance



To better read this manual and use this machine, please draw special attention to any content that has this mark to avoid damage or loss caused by improper operation.

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### Product description:

This machine operates with high power and at high temperatures. Users are required to provide industrial electricity and places that are suitable for this device. In order to better use the machine please be aware of the machine's specifications:

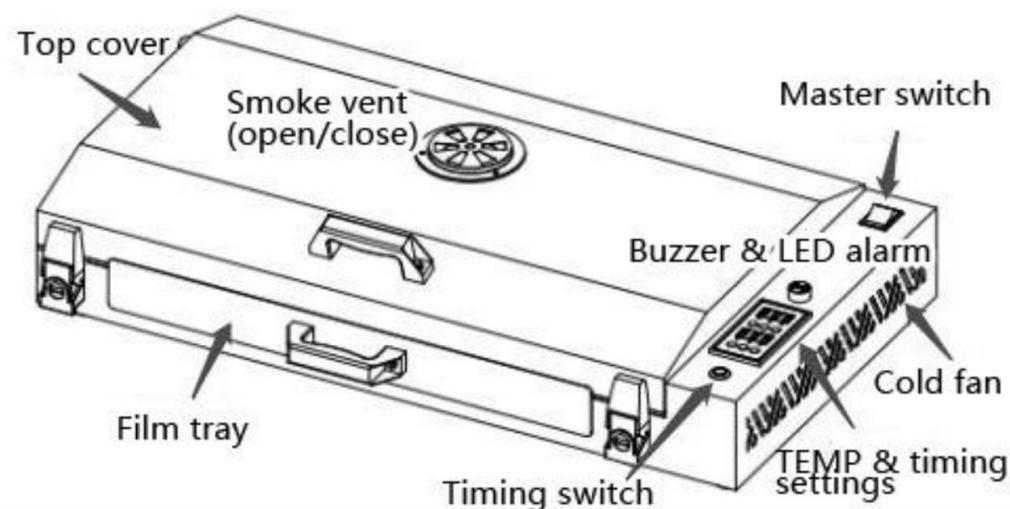
Rated Voltage: 220V	Rated Current: 11A
Rated Power: 2.4KW	Energy consumption: 1.7KW-2.4KW
Maximum curing size: 610 x 460mm	K.W: 20kg   G.W: 22kg
Overall dimension: 890 x 573 x 165mm	Package: 970 x 610 x 210mm



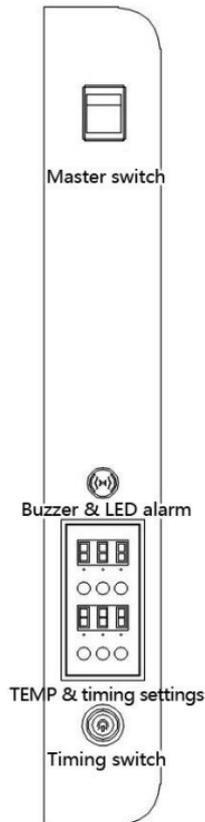
**Please ensure all personal protective measures are always in place when operating the equipment.**

Before starting the machine, make sure the machine is well grounded. The power supply must match the requirements of the heater and meet the specification outlined. Check whether the line is well connected, with special attention to make sure the null line is connected correctly.

### 1. Installation diagram



## 2. Oven operation process



2.1. Confirm that the power supply of the oven is connected (ac220v50 / 60Hz).

2.2. Confirm that the grounding wire is firmly grounded.

2.3. Turn on the left 'master switch', set the temperature and time at the same time, and start preheating.

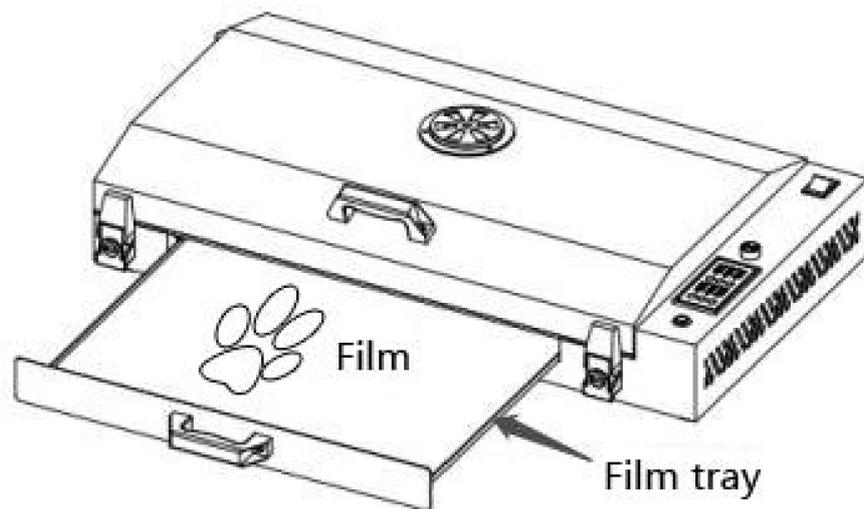
2.4. When the temperature rises to the set temperature, put the rubber powder on the printed picture into the curing tray, press the time countdown switch to start curing.

2.5. When the time countdown is completed, the alarm will give a roar alarm. At this time, press the time countdown switch to stop the roar alarm, take out the curing tray, take out the curing film in the tray, and the curing is completed.

2.6. Drying temperature setting: 100°C - 160°C (the specific temperature is set according to the melting point of the powder).

2.7. The time countdown setting is 210 seconds - 300 seconds (the specific time is set according to the melting condition of the powder).

## 3. The curing method



3.1 Put the picture film into the tray for baking and colour fixation. After curing, take out the curing tray, take out the film in the tray, and curing is completed.

*Note: ensure that the material to be cured is flat and wrinkle free.*

## **4. Setup of the preset temperature**

### **4.1 Modification of temperature setting value:**

Press the temperature setting key  $\cup$  once, the temperature window will display the temperature setting value and flash. At this time, press the temperature minus  $\sphericalangle$  or plus key  $\wedge$  to modify the temperature setting value. After modification, press the temperature setting key  $\cup$  once to save and exit. At this time, the temperature window will display the temperature measurement value (returning to normal working state).

### **4.2 Modification of time setting value:**

Press the time setting key  $\cup$  once, the time window will display the time setting value and flash. At this time, press the time minus  $\sphericalangle$  or plus  $\wedge$  to modify the time setting value. After modification, press the time setting key  $\cup$  once to save and exit. At this time, the time window will display the countdown time (returning to normal working state).

## **5. Equipment Maintenance**

- 6.1. Disconnect the external power supply when repairing or cleaning the machine.
- 6.2. Clean the remaining powder on the inner wall of the tray after finishing work every day.
- 6.3. Clean and wipe the water inside to keep the inside dry.