

# CALCA DTF OVEN

DTF-OVEN-1824-US

## User Manual

Please read this manual carefully before operation



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## I. Notice On Safety Using

### 1.1 Safety mark

Dear customers:

Thank you very much for choosing our CALCA brand series DTF oven, please read the manual carefully and look through the following explanation of the marks in this manual.



CAUTION

Users must pay special attention when this sign appears, If there is no damage or loss, it may be caused by improper operation.

### 1.2 Product description:

This machine is high voltage equipment, in order to use the machine better please be aware of the following specifications.

#### Specifications:

**Max Curing Size:** 18in x 24in (460mm x 610mm) (Drawer model)

**Control:** Temperature & time setup, PID control

**Power Supply:** 110V, 2400W, 21.8A

**Lamps Number:** 6pcs

**Curing temperature up to 160°C (320°F)**

**Controllable Digital Timer:** 180 – 300s

**Dimension:** 36.2in x 22.6in x 6.5in (920mm x 573mm x 165mm)

**Net Weight:** 44lbs (20kg)

**Packing Size:** 38.2in x 24in x 8.3in (970mm x 610mm x 210mm)

**Gross Weight:** 49.5lbs (22.5kg)

We recommend using this in conjunction with a fume extractor or outside venting. Fumes may be harmful if inhaled.



CAUTION

### 1.3 Precautions before starting

1.3.1 Caution Electricity! Make sure the machine is well grounded before starting up. Otherwise body injury may result.

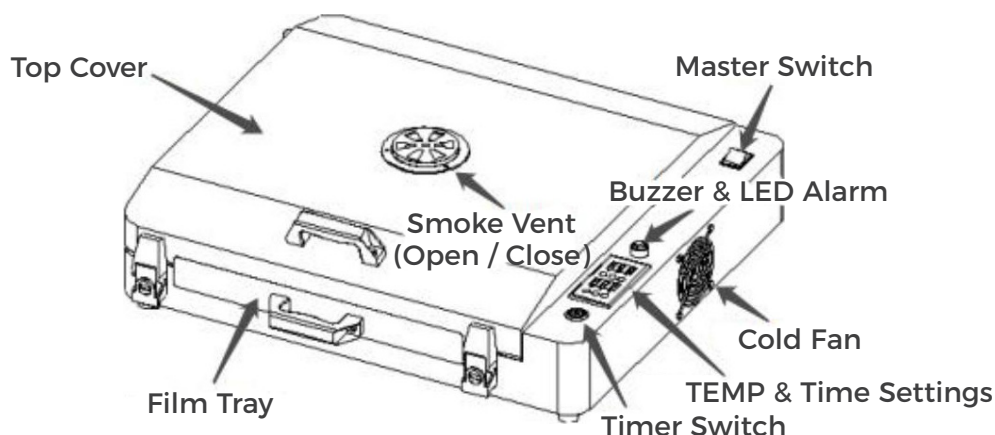
1.3.2 The power supply must match the heater, and wiring must meet the specifications.

1.3.3 Check whether the wiring is well connected and standardized.

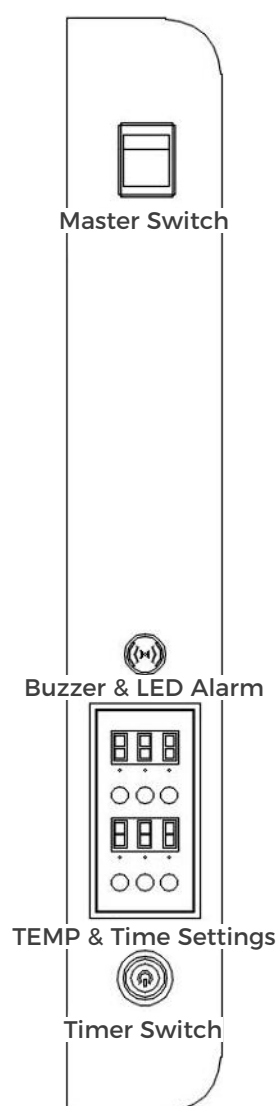
Special attention: The neutral wire must be connected correctly.

1.3.4 Those who are sensitive to static electricity, please take personal protective measures when operating the equipment.

## II. Installation Diagram

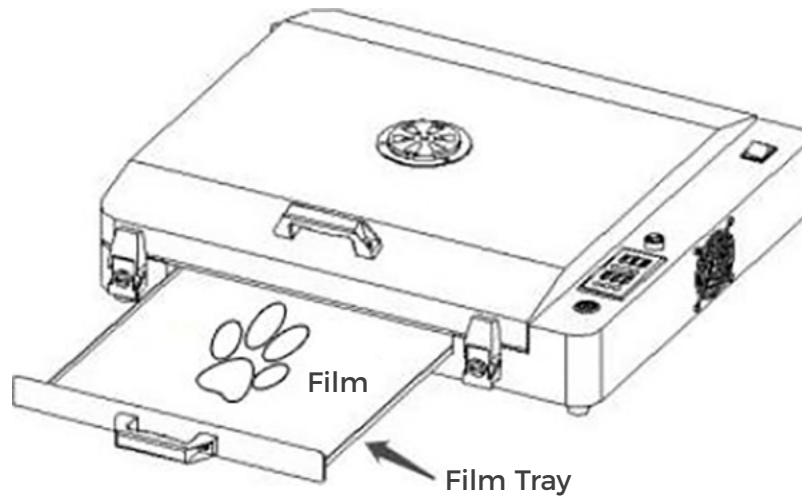


## III. Equipment Operation Process



- 3.1 Confirm that the power supply of the oven is connected (AC110V, 50/60Hz).
- 3.2 Confirm that the grounding wire should be firmly grounded.
- 3.3 Turn on the left "master switch", set the temperature and time at the same time, and start preheating.
- 3.4 When the temperature rises to the set temperature, put the TPU powder on the printed picture into the curing tray, press the time countdown switch to start curing.
- 3.5 When the time countdown ends, there will be a roar. At this time, press the time countdown switch to stop roaring, take out the curing tray and the film, and the curing is completed.
- 3.6 Drying temperature setting: 100 - 170°C (212 - 338°F) (The specific temperature depends on the melting point of the powder.)
- 3.7 The time countdown setting is 210 seconds -- 300 seconds. (the specific time depends on the melting condition of the powder.)

## IV. The Curing Method







Put the film with pictures into the tray and bake to fix the color. After curing, remove the tray and film, and the curing is complete.





NOTE: Ensure material to be cured is flat and wrinkle-free.

## V. Presetting Of Temperature And Time

### 5.1 Modification of temperature setting value:

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

### 5.2 Modification of time setting value:

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

## VI. Equipment Maintenance

6.1 When maintaining or cleaning the machine, cut off the external power supply.

6.2 Clean up the powder remaining on the inner wall of the tray after finished work daily.

6.3 Clean and wipe the water inside to keep the inside dry.

## WARRANTY CARD

<b>MODEL</b>		<b>LOT #</b>	
<b>BUYER</b>		<b>DATE</b>	
<b>SELLER</b>		<b>TEL</b>	

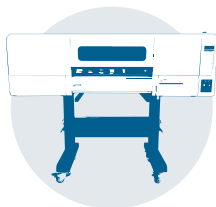
### Notes

- i. The warranty card is filled by the seller and kept by the buyer. Alteration is prohibited.
- ii. 24 Month Warranty - CALCA DTF ovens include a 24 month warranty, Except wear parts.
- iii. Damage caused by improper use not be repaired free.

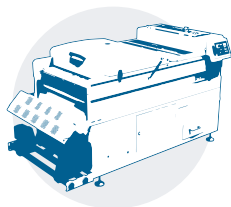
# THANK YOU

for choosing our CALCA DTF Powder Shaker and Dryer

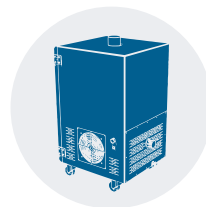
## CALCA Advanced DTF Printing One-stop Procurement Service System



Printer



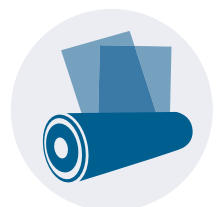
Shaker



Filter



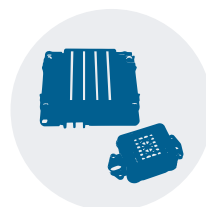
Inks



Film



Powder



Printhead & Parts



Service

# CALCA®

OEKO-TEX®  
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STANDARD 100 

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INSPIRING CONFIDENCE  
ECO PASSPORT 

