



SUBLIMATION OVEN

12L

USER MANUAL



STRUCTURE

Items Included:

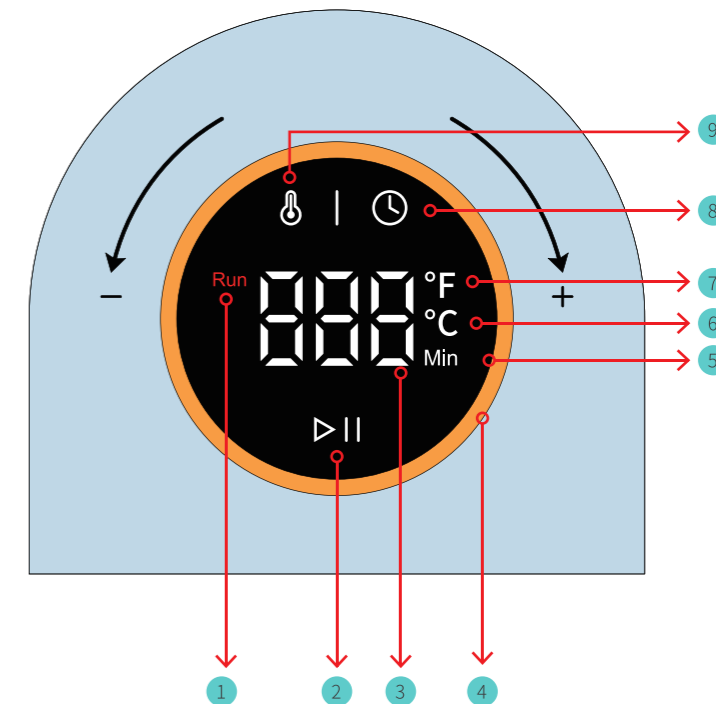
- Sublimation Oven x1
- Tray x1
- Heat Resistant Silicone Glove x1
- Heat Resistant Tape x1
- Shrink Film x15

Capacity	12L
Time Range	1-60min
Temp. Range	140-390 °F (60-200°C)
Voltage	220V/110V 50~60Hz
Power	1600W
Heating Tube	2



KNOW THE CONTROL PANEL

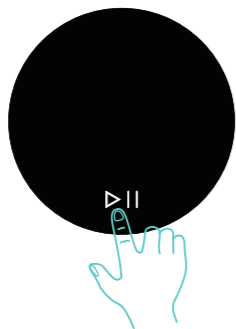
- 1 Preheat/Run Indicator
- 2 Start/Stop Button
- 3 Temp./Time Indicator
- 4 Adjustment Knob
- 5 Minute Icon
- 6 °C Icon
- 7 °F Icon
- 8 Time Setting Button
- 9 Temp. Setting Button (Long press for 5 seconds to switch temp. unit)



HOW TO USE THE CONTROL PANEL?

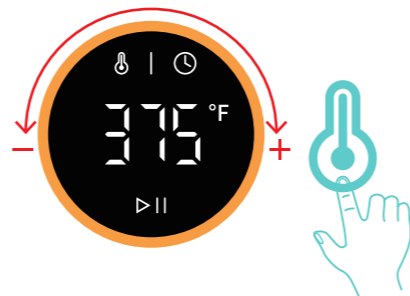
1. Switch on / off

- The machine turns on automatically when plugged in;
- Long press the Start/Stop Button for 3 secs to switch it off;
- Long press the Start/Stop Button for 3 secs to switch it on again.



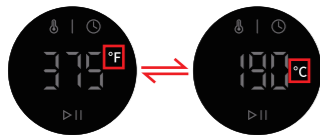
2. Set Temperature

- Tap the Temp. Setting Button and rotate the Adjustment Knob to set temperature;
- Rotate left to lower the temperature, and right to increase it.
- Temperature adjustment by 5 intervals as a value change;
- Auto saves after setting.



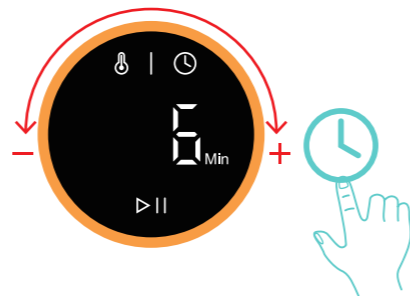
3. Switch Temp. Unit

- Long press the Temp. Setting Button for 5 secs to switch between °F and °C.



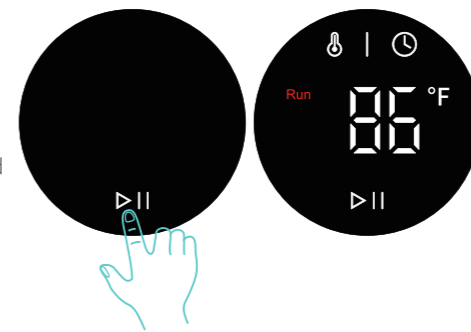
4. Set Time

- Tap the Time Setting Button and rotate the Adjustment Knob to adjust printing time;
- Rotate left to lower the temperature, and right to increase it.
- Time adjustment by 1 interval as a value change;
- Auto saves after setting.



5. Start Heating

- After the parameter setting is completed, tap the Start/Stop button to start heating;
- When the machine reaches the set temperature, a beeper will sound and start the countdown after 5 secs;
- The "Run" Indicator lights on indicating the machine is running;
- The machine will emit 5 beeps to inform you when the countdown is over.

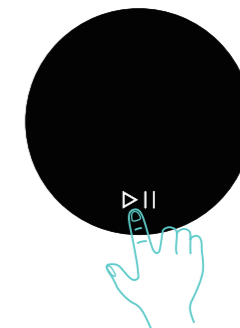


Note

The machine will record the parameters and units set for your last run.

6. Pause or Cancel

- Pause the operation - Press the Start/Stop Button to pause heating up and countdown. At this time, the temperature and time can be adjusted and the machine will heat up to the new temperature when the Start/Stop Button is pressed again and then starts the countdown;
- Cancel the operation - Press and hold the Start/Stop Button for 3 secs to cancel the operation when the machine is running.



Recommended Parameters

Product					
Product Name	Skinny Tumbler	Water Bottle	Pet Bowl	Glass Tumbler	Glass Mug
Quantity	1	1	1	1	1
Tool	Shrink Film				
Temperature	180 °C / 355 °F				
Time	6 min	7 min	8 min	8 min	10 min

Note

- a. All the data above are our Oven only.
- b. All the data above are based on the test results of our sublimation blanks and for reference only. Please test your own products and find the proper parameters.
- c. The required printing parameters vary for different materials, different sizes and numbers of blanks. Please test and adjust the parameters accordingly.
- d. If the product comes with a lid, remove it before printing.
- e. If the product comes with parts that are not resistant to heat, remove them before printing. If the parts are irremovable, the product cannot be printed in oven.
- f. Please perform low temperature printing tests on plastic blanks.
- g. For glass blanks, wrap them with protective papers then shrink films, because the shrink films may stick on the surface after heating. Do not immerse the heated glass blanks in water to avoid cracks.

Product					
Product Name	Travel Tumbler	12oz Enamel Mug	15oz Mug	11oz Mug	11oz Mug
Quantity	1	1	1	1	4
Tool	Shrink Film + Extra Large Binder Clips				
Temperature	180 °C / 355 °F	180 °C / 355 °F	180 °C / 355 °F	180 °C / 355 °F	180 °C / 355 °F
Time	6 min	6 min	16 min	13 min	17 min
Tool	Silicone Wrap				
Temperature	195 °C / 385 °F	195 °C / 385 °F	195 °C / 385 °F	200 °C / 395 °F	200 °C / 395 °F
Time	6 min	6 min	12 min	11 min	14 min

HOW TO PRINT A TUMBLER?



1 Remove the lid and other parts, and tape the image on the tumbler;



2 Wrap the tumbler with a suitable shrink film;



3 Use heat blower gun to shrink it and wrap the tumbler tightly;



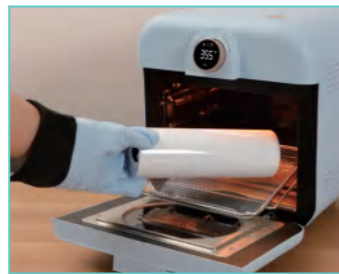
4 The machine turns on automatically when plugged in;



5 Set time and temperature;



6 Click the Start/Stop Button, the machine starts heating up;



7 Put the tumbler in the oven as it beeps and close the door immediately. Countdown starts after 5 secs;



8 Take out the tumbler as the oven beeps after countdown finishes. peel off the shrink film and sublimation paper;



10 Peel off shrink film and paper, check the result;



11 Long press the Start/Stop Button for 3 secs to switch it off.

Troubleshooting

Faint colors	The printing time is too short
Yellowish and vague print	The printing time is too long or the temperature is too high
When printing multiple blanks, the printed results vary in quality	The products are put too close together. They should be put at least 1cm apart and 1cm away from the oven wall

TOOLS YOU MAY NEED WHEN SUBLIMATING

Additional purchase required



Sublimation Printer



Sublimation Paper



Heat Resistant Tape



Heat Resistant Silicone Glove



Shrink Film



Extra Large Binder Clips



Silicone Wrap

Important Safeguards

When using electrical appliances, basic safety precautions should always be followed including the following:



1. Read all instructions.
2. Do not touch hot surfaces. Use handles or knobs.
3. To protect against electrical shock do not immerse cord, plugs or appliance in water or other liquid.
4. Close supervision is necessary when any appliance is used by or near children.
5. Unplug from outlet when not in use and before cleaning. Allow to cool before putting on or taking off parts.
6. Do not operate any appliance with a damaged cord or plug or after the appliance malfunctions or has been damaged in any manner. Return appliance to the nearest authorized service facility for examination, repair, or adjustment.
7. The use of accessory attachments not recommended by the appliance manufacturer may cause injuries.
8. Do not use outdoors. Household use only.
9. Do not let cord hang over edge of table or counter, or touch hot surfaces.
10. Do not place on or near a hot gas or electric burner, or in a heated oven.
11. Extreme caution must be used when moving an appliance containing hot oil or other hot liquids.
12. Always attach plug to appliance first, then plug cord into the wall outlet. To disconnect, turn any control to "off", then remove plug from wall outlet.
13. Do not use appliance for other than intended use.
14. Oversize items, metal foil packages, or utensils must not be inserted in an oven as they may involve a risk of fire or electric shock.
15. A fire may occur if the oven are covered or touching flammable material, including curtains, draperies, walls, and the like, when in operation. Do not store any item on top of the appliance when in operation.
16. Do not clean with metal scouring pads. Pieces can break off the pad and touch electrical parts, creating a risk of electric shock.
17. Extreme caution should be exercised when using containers constructed of other than metal or glass.

18. Do not store any materials, other than manufacturers recommended accessories, in this oven when not in use.
19. Do not place any of the following materials in the oven: paper, cardboard, plastic, and the like.
20. Do not cover tray or any part of the oven with metal foil. This will cause overheating of the oven.
21. After using, press the power button to turn off the power supply and pull the power cord off the wall.
22. The oven needs at least 10cm clearance space on all sides and at least 30cm above for proper ventilation.

Save These Instructions

SHORT CORD INSTRUCTIONS

- a. A short power-supply cord (or detachable power-supply cord) should be used to reduce the risk resulting from becoming entangled in or tripping over a longer cord.
- b. Longer detachable power-supply cord or extension cords are available and may be used if care is exercised in their use.
- c. If a longer detachable power-supply cord or extension cord is used:
 1. The marked electrical rating of the cord set or extension cord should be at least as great as the electrical rating of the appliance.
 2. The cord should be arranged so that it will not drape over the countertop or tabletop where it can be pulled on by children or tripped over unintentionally; and
 3. If the appliance is of the grounded type, the cord set or extension cord should be grounding-type3-wire cord.

Warranty

- a. One-year warranty for the entire machine
- b. Free lifetime technical support