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iSmart Sublimation Oven

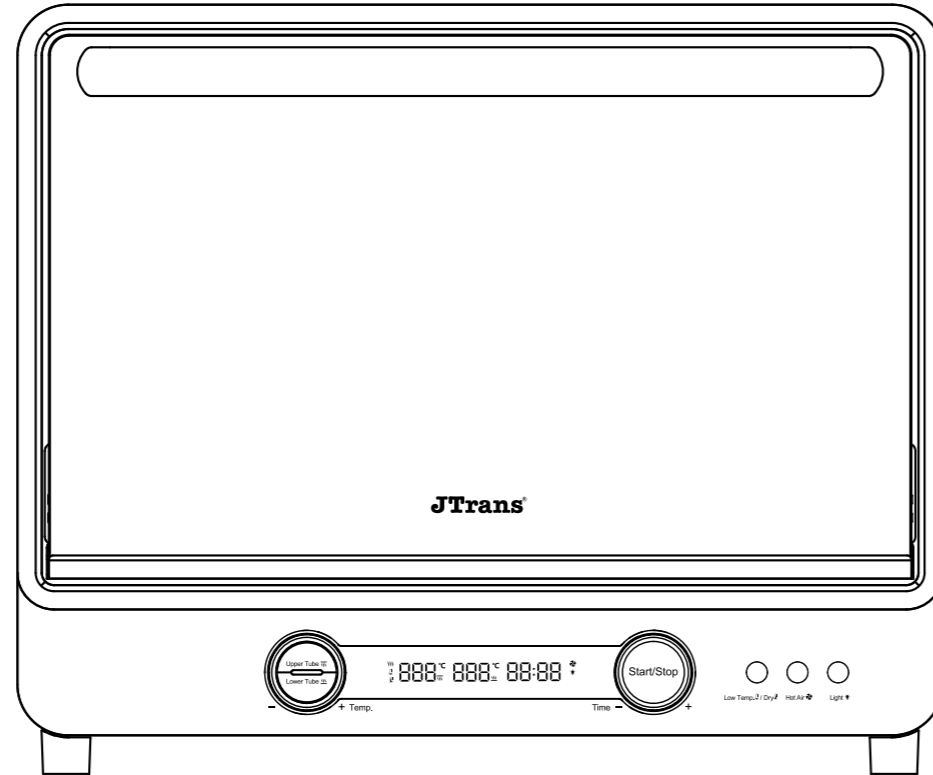


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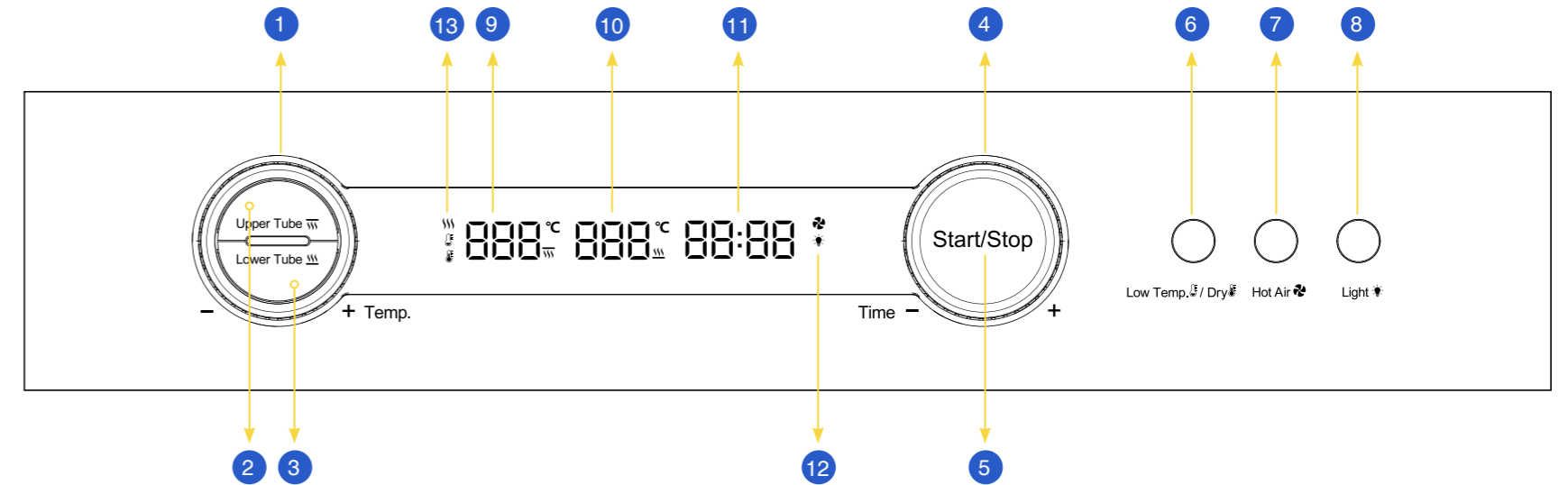
iSmart Sublimation Oven

Technical Description

Item Number	KX40LB
Capacity	40L
Size	460x360x380(mm)
Voltage	AC 110V/220V 50/60 Hz
Power	1600W/2000W
Temp. Range	60-230°C
Temp. Adjusting	Upper and lower heating tubes can be adjusted together or separately
Part	3 upper tubes, 3 lower tube, 1 back tube, 1 fan, 1 oven light



Control Panel




- 1 Temp. Knob: Turn to adjust printing temperature.
- 2 Upper Tube: Press to enter upper tube heating mode.
- 3 Lower Tube: Press to enter lower tube heating mode.
- 4 Time Knob: Turn to adjust printing time.
- 5 Start/Stop: Press to start or stop heating.
- 6 Low Temp./Dry: Press to enter low temperature heating mode.
- 7 Hot Air: Press to turn on or turn off the hot air circulation inside.

- 8 Light: Press to turn on or turn off the oven light.
- 9 Upper Tube Temp.
- 10 Lower Tube Temp.
- 11 Time
- 12 Function Indicator
- 13 Preheat Indicator

Operation

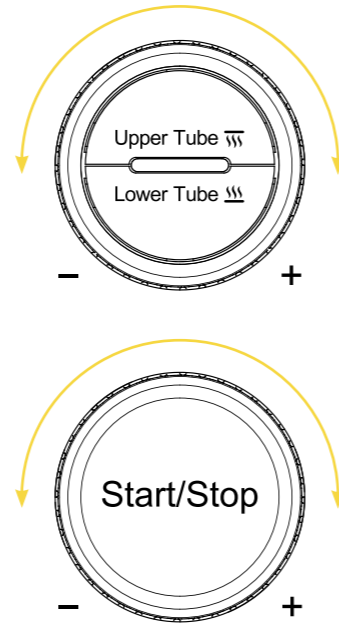
1. Mode

- Starting : When turned on first, screen flashes on for 1 sec and displays default time and temperature.
- Preheating: Screen displays “

2. Upper & Lower Heating Tube

The default mode setting is upper and lower tube heating mode. Oven enters this heating mode automatically once turned on;

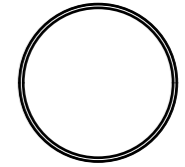
1. Press “Upper Tube” button and turn the temp. knob to adjust the temperature of upper tube;
2. Press “Lower Tube” button and turn the temp. knob to adjust the temperature of lower tube;
3. Press “Upper Tube” and “Lower Tube” buttons at the same time and turn the temp. knob to adjust the temperature of both tubes;
4. Press “Start/Stop” button to start heating.



3. Low Temperature

Low temperature mode is for drying transfer paper or sublimating items that need low temperature printing.

1. Press “Low Temperature” button to enter low temperature heating mode;
2. Turn the time temp. knob to adjust temperature and time knob to adjust time.

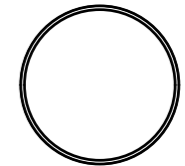


Low Temp.  / Dry 

4. Hot Air

The fan inside the oven can circulate the hot air and make temperature inside more uniform.

1. Press “Hot Air” button after turning on the oven;
2. Turn the time temp. knob to adjust temperature and time knob to adjust time;
3. Press “Start/Stop” button to start or stop the hot air fan during working.



Hot Air 

5. Printing Parameter

Item	Preheat	Temp.	Time
Mug	7-10 mins	195°C	12 mins for 1 mug
			15 mins for 4 mugs
			20 mins for 6 mugs
Stainless Steel Bottle		195°C	5 mins for 1 bottle
Enamel Mug		195°C	7 mins for 2 mugs
Aluminum Bottle	160°C	7 min for 1 bottle	
Ceramic Tile	195°C	20 mins for 1 piece	

6. Note

1. When the oven is working, working mode cannot be changed.
2. When the oven is working, press "Start/Stop" to stop working, and turn the knob to adjust the printing time.
3. The printing temperature can be adjusted even during working.
4. Make sure to press the "Hot Air" button after turning on the oven to achieve the best printing result.

Heating Mode	Default Temp. (°C)	Temp. Range	Default Time (min)	Time Range	Upper Tube	Lower Tube	Back Tube	Hot Air Fan	Oven Light
					800W	700W	300W	20W	15W
Upper & Lower Tubes	180	Double Tube: 60-230°C Single Tube: 60-200°C	30	1min-2h	√	√			√
Low Temperature	35	28-50°C	60	10min-12h	√				√
Hot Air	180	60-230°C	30	1min-2h	√	√	√	√	√

7. Error Alarm

During working or self-checking, the oven can detect if the thermal sensor functions properly in 5 seconds. If the screen displays

- "E1": The upper temperature sensor has an open circuit or a short circuit;
- "E2": The lower temperature sensor has an open circuit or a short circuit;
- "E3": The temperature inside reaches over 280°C,

When errors above happen, the load current will cut off immediately, and the oven will beep for 10 times. The oven will be back to good working condition until the error is repaired and the circuit is reconnected.

8. Important Safeguard

1. The oven body surface becomes very hot during working, be careful not to burn yourself during or after using. Wear heat-resistant gloves and use the door handle to open and close the oven door;
2. To avoid electric shock, do not immerse cord, plug or any parts of the oven in the water, always unplug after use;
4. Never leave the oven unattended during operation;
5. Do not put any of the following materials in or on the top of the oven: cardboard, plastic, paper, candle or other flammable materials;
6. The oven needs at least 10cm clearance space on all sides and at least 30cm above for adequate air circulation;