

Quick reference guide for ESCO forced convection laboratory oven

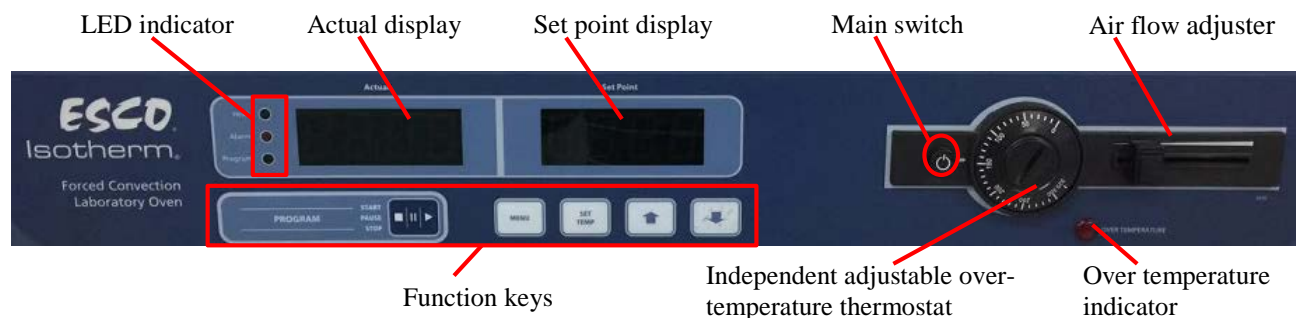


Fig.1 Control system

Switching on/off

Press the main switch to switch on; press the main switch again will turn it off.

Opening/ closing outer door

Pull down the handle to open the door and pull up to close the door.



Loading samples

Caution:

- Full consideration must be given to physical and chemical properties of your load in order to prevent serious damage to load, equipment and surroundings.
- There must be no possibility of the formation of inflammable gas/ air mixtures either within the oven or in the immediate surroundings of the equipment.
- Don't dry samples directly in the oven; appropriate containers like plate or shelf is needed.
- In order to ensure good ventilation within equipment, the total volume of loads should not exceed half volume of chamber.

Setting temperature

Range of temperature: 7.5°C above ambient to 300°C.

Press **SET TEMP** to start the setting → press  or  to set the value → press **SET TEMP** again to save setting.













Caution:

- Do not forget to press the set temp button again to confirm setting.
- Please double check the set value in 5 mins to prevent unsuccessful setting.
- Before using the oven above 250°C for the first time, users are advised to operate the oven at 295°C for 2 hours in order to condition the chamber.











Independent adjustable over- temperature thermostat

Set the value of adjustable temperature thermostat 20°C above the set temperature value to protect the charging material or set it to 320 °C to protect the oven. Use a coin to adjust.

Turning the timer on and off

Step	Button	Display	Description
1	 MENU	MENU SEt	Press  MENU button until the display shows setting.
2	 SET TEMP	ALr 0 10°	Press  SET TEMP to confirm that basic setting is selected.
3	 MENU	El Tr OFF	Press  MENU button to select timer.
4	 UP	El Tr On	Press  UP button to set the timer ON.
	 DOWN	El Tr OFF	Press  DOWN button to set the timer OFF.
5	 SET TEMP	25° 150°	Press  SET TEMP to save setting and return to temperature display.

Set timer

Step	Button	Display	Description
1	 SET TEMP	25° 150°	Press  SET TEMP to set the temperature.
2	 MENU	El Tr 0000	Press  Menu to set time
3	 UP or  DOWN	El Tr 0 120	Press  UP/  DOWN to set the required time. For example: set the time 2h.
4	 SET TEMP	25° 150°	Press  SET TEMP to save setting and return to temperature display.