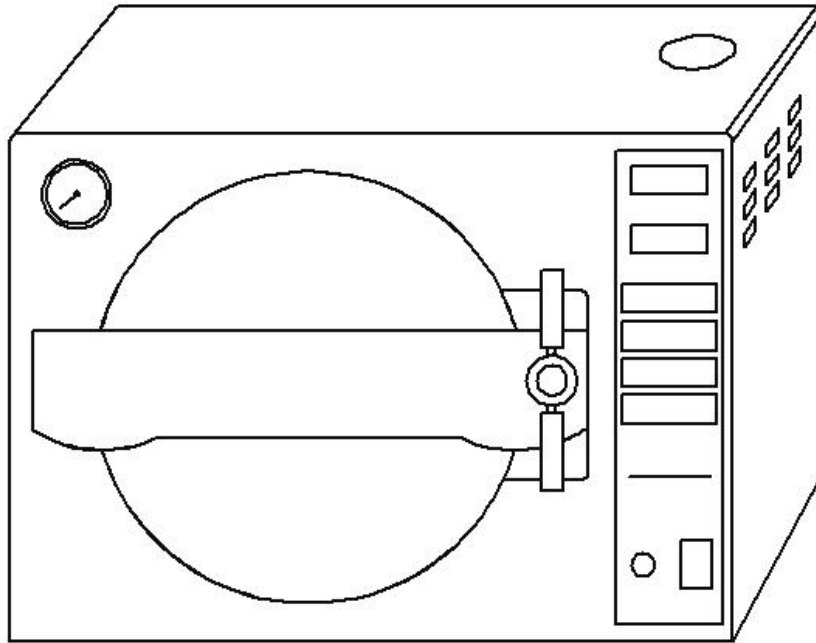


Instructions Manual

Model : TR-250C



Please read this manual carefully before you use it.

**Please operate the sterilizers according to the instructions
and maintain the sterilizers if you have any problems in use.**

You can contact our after-sales service personnel in time



Safety precautions

read the safety warnings and precautions in this instruction to ensure your safe use of sterilizers.

1. Please use a separate protected grounding power outlet and make sure that the input voltage is the same as the machine mark. The protective earthing end is reliably connected.

2. Please insert the sterilizers plug into the power outlet completely.

Do not use the perforated extension cable socket.

3. Do not damage, modify, pull, bend or twist power cord, do not place weight on power cord.

4. Do not place machines on unstable worktables, but on flat, untilted desktops. About 5 cm away from the wall.

5. Please do not block or cover sterilizers doors, vents, or radiating windows.

6. Please don't put anything on the sterilizers.

7. If sterilizers is not used for a long time, plug of power cord should be removed.

8. This equipment should not be placed near the heat source.

9. This equipment is not suitable for sealing liquid, not resistant to high temperature and high pressure articles sterilization.

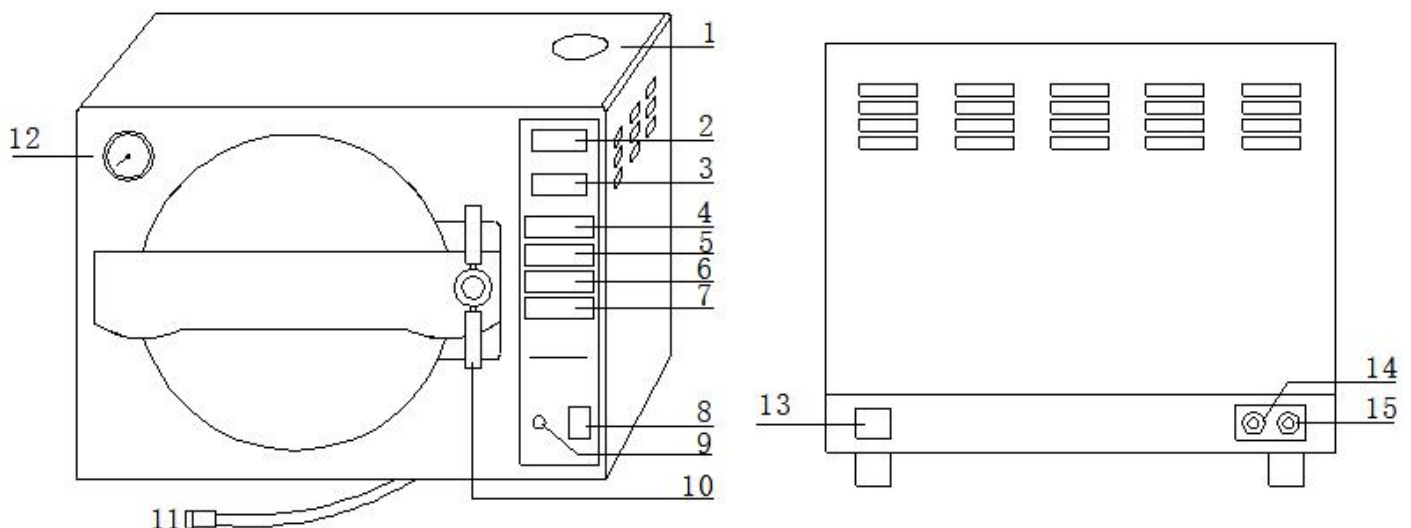
10. The parts to be replaced for maintenance of this equipment must be those approved by the manufacturer.

11. before sterilizing, please clean and clean all sterilizing equipment in advance, then put it in sterilizers.

(for example, impression material, cotton floss, plaster on dental flooring, etc.)

The product is from

1. water storage tank
2. temperature window
3. working time window
4. Temperature selection button
5. Working procedure indicator
6. Start button / troubleshooting button / malfunction indicator lamp
7. Tank water level indicator lamp
8. Power switch
9. Door cover to the designated position indicator light
10. Door handle
11. Tank drain pipe
12. Pressure gauge
13. Power cord socket
14. relief valve
15. Exhaust pipe interface



Scope of application:

Sterilization cycle	Sterilizing load range
N - type cycle	Sterilization of solid loads not applicable to packages

Technical parameter

Input power	AC 110V,60±1Hz / AC220V,50±1Hz
Capacity	18 lit
Machine size	L54*W48*H35 CM
Packing size	L61*W53*H40 CM
Power consumption	1100 W
Sterilization temp and time	121°C / 25 MIN ; 134°C / 5 MIN
Dry time	40 MIN
Operating ambient temperature	5-40°C
Security	*Motherboard setting temp overload protection *temp overload protection switch *safety valve *door safety switch *water level sensors

Loading list

order number	project	quantity
1	Tray Rack	1 pc
2	Trays	3 pcs
3	Tray removal tong	1 pc
4	Draining Tube	1 pc
5	Operation manual	1 pc
6	Power cord	1 pc

Installation requirements

* at least 50 cm at the top of sterilizers and at least 50 cm on both sides and rear.

At least 50 cm in front to fully open sterilizers doors.

* sterilizers must be installed in a ventilated environment and the side and back windows must not be blocked.

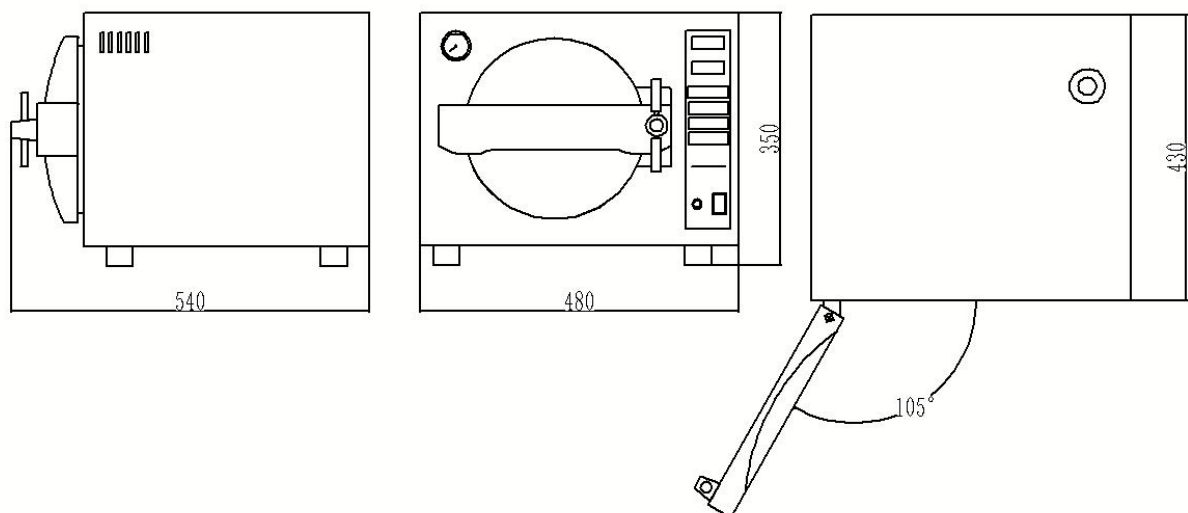
* sterilizers must be installed on horizontal worktables.

* do not place sterilizers where there is radiation.

* do not place sterilizers in places where water is spattered.

* Outlet position of drain pipe must be lower than outlet of machine.

* Keep the machine clean once a month. Let the machine run normally.



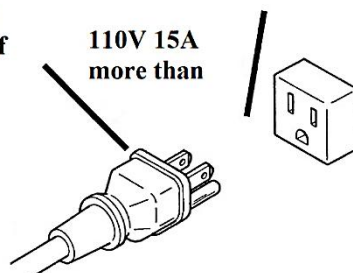
Confirm that the input voltage is the same as the marked voltage of the machine

110V 15A
more than



warn

Separate use of socket, do not share extended power cable



Connect the exhaust pipe to the exhaust port

(Push the hose down to the bottom)

Operational steps

1-1: Turn on the power switch.

TIME

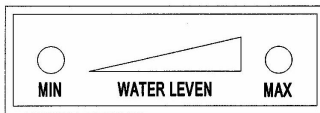
LO

(There is no water in the CHAMBER. When the water reaches the standard level, it goes out)

1-2: min level indicator light..(add distilled water)

max level indicator light..(stop add distilled water).

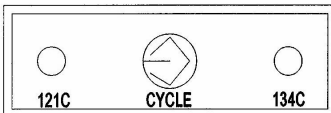
((tank at normal water level. The indicator light is not on))



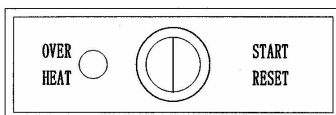
1-3: Instrument put into chamber.

1-4: Close the door. tighten until the door light on.

1-5: Selection of disinfection temperature. (press CYCLE)



1-6: Press the START(started working)



1-7: The buzzer rang when the disinfection finished.((Turn off the power))

Sterilization process

Rising temp--First exhaust steam--Secondary exhaust steam--Rising temp

--Up to selected disinfection temp--Start disinfection time--

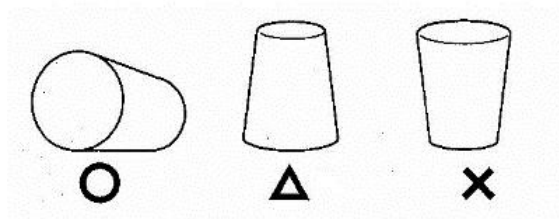
disinfection completed (automatic exhaust and drainage)--Start drying

--Complete drying (end) buzzer ring

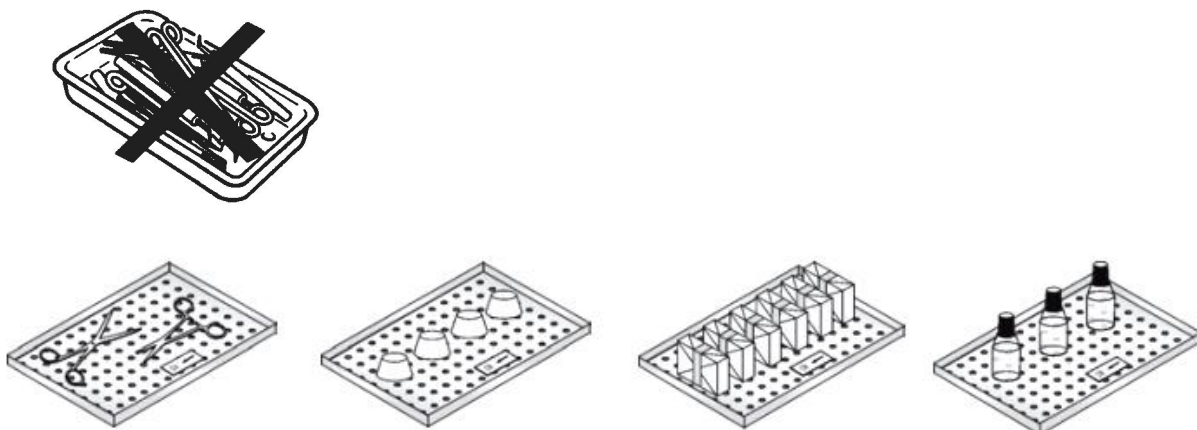
Instrument preparation

For better sterilization effect and protection of sterilizing articles, please follow the following requirements:

- * Metal instruments of different materials (stainless steel, aluminum, etc.) are best placed on different plates or fully isolated.
- * non stainless steel instruments, sterilizing prohibited. It can produce rusty water, contaminate other instruments and sterilize pots.
- * ensure that each device has an adequate clearance to allow the steam to fully enter.
- * sterilize containers (glass, cups, test tubes, etc.) by placing them sideways and not upside down to prevent stagnant water and residual cold air.



- Tip the cup at an upward angle
- × Δ The cup was misplaced down and up



- * do not overload each device tray.
- * do not stack the disc or place it directly in the sterilizing chamber.
- * use the device tray holder each time you take it.
- * Do not use disinfectant as sterilizing medium.

Maintenance and maintenance

frequency	operate
every day	Clean door sealing surface
	Clean outer surface

**** Cleaning sterilization pot (Use of special cleaning agents)**

Can cleaning the disinfection room, temperature sensors, heating tube, pipe, Solenoid valve

Cleaning steps:

Add water to the tank. Until the high water lights are on. Stop adding water.

The cleaning agent (1/2), pour into the water tank. Wait for the dissolution of 5 minutes.

After waiting for 5 minutes, start disinfection work.

(do not put instruments in CHAMBER).

1. Wait for the work to be finished. Open the door cover.
2. Remove the drain pipe and loosen the screw. Drain the water from the tank.
(Finish cleaning pot work)
3. Clean tank: water storage tank water supply to high water level indicator light, stop feeding water. Pour the cleaner into the water tank for 5 minutes, remove the tank drain pipe, and unscrew the plug to drain the tank sewage. After discharge, the taut head is put back in place.



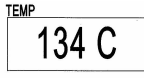
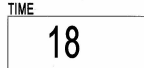
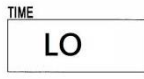
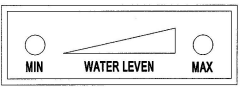
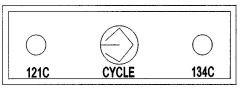
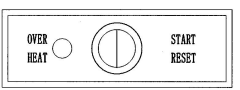
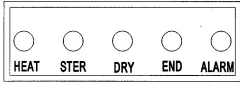
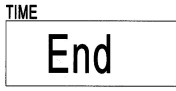
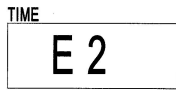
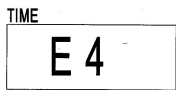
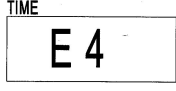
Matters need attention

- * use a separate socket (confirm the output voltage of the socket).
- * Cotton wool dressings or decomposable items will be loaded in a special instrument box before sterilization, otherwise the internal pipeline of the sterilizers will be blocked and the life of the machine will be affected.

Fault judgment and resolution

Code	Cause	Judgment	Solution
E4	*Temp exceeding set value	*Chamber does not have enough water. *There is not enough water in the storage tank	*Check the water tank
E4	*The disinfection procedure is not complete	*The power supply is disconnected and then connected to the power supply	*Check the input power *Do it again
E2	*Temp sensor failure	*Not using distilled water *Not regularly cleaning the disinfectant pot.	*Clean the chamber *Contact the dealer
LO	*We're not getting enough water into the CHAMBER	*Don't work.	*Check the tank to see if there is enough water

Operation panel description

Display window	Cause
	Display disinfection temperature
	Display disinfection temperature
	Display disinfection work time
	Display disinfection no water in the chamber
	Tank water level indicator
	Temperature selection button
	Start button / Reset button
	Working procedure indicator
	Display drying
	Display disinfection completed
	Temperature sensor failure
	Temperature exceeding set value
	In the process of disinfection, the power supply is disconnected and then connected to the power supply