

Horizontal High Pressure Steam Autoclave

TC Autoclave

40 Years Manufacturing Experience

Specifications (TC series) :

Model Name	TC-750	TC-615	TC-612	TC-600	TC-500	TC-459	TC-409	TC-406	TC-339	TC-336
Chamber (CM)	75*120	60*150	60*120	60*100	50*100	45*90	40*90	40*66	33*90	33*66
Capacity (Liters)	530L	424L	339L	283L	196L	143L	113L	83L	77L	56L
Power Consumption (KW)	12+12	12 + 12	9 + 9	12KW	10KW	7KW	6KW	6KW	5KW	4KW
220V (P)	1P 3P	1P 3P	1P 3P	1P 3P	1P 3P	1P 3P	1P 3P	1P 3P	1P 3P	1P 3P
Ampere (A)	109 63	109 63	82 47	55 32	45 26	32 18	27 16	27 16	23 13	18 11
380V (P)	3P	3P	3P	3P	3P	3P	3P	3P	3P	3P
Ampere (A)	36	36	27	18	15	11	9	9	8	6

Working Temperature	121~135°C at 1.2~2.2 kg/ cm ² (1.18~2.16 bar or 17.07~31.29 psi)
Power Source	220V or 380V with 1 phase or 3 phase (please specify when ordering) TC-500, TC-600, TC-612, TC-615, TC750: Applied to 3-phase only
Standard accessory	Stainless steel tray x 1 pc
Optional function	Automatic water filling, automatic drying, vacuum drying, safety door lock, trail

Function : Automatic drying, Automatic water filling, Vacuum drying, Safety door lock.

- **TC series:** Option for any of the above functions.
- **TC/DA series:** Full functions except Vacuum drying (pre-vacuum drying)
- **TC/A series:** Cabinet type. Full functions

NOTE: Contact us for more specification of TC/DA, TC/A series

Suggested spare parts:

Silicone door gasket, Heating Element, Solenoid Valve, Pressure Controller, Glass water tubing

Technical Data :

- Double-walled stainless steel #304 chambers insulated with glass fiber.
- Provided with double pressure gauges easy for monitoring the working pressure for interior and exterior chambers.
- Adjustable temperature from 121 ~ 134°C at 1.2kg/cm² and 2.2kg/cm²
- Microprocessor control system with digital display for SV and PV easy for reading

Safety Devices :

- Overheat and low water level alarm and shut out.
- Safety door lock activated by pressure
- Pressure controller: Once the pressure exceeds 2.4kgf/cm², It will shut out power automatically
- Safety Valve: When pressure reaches 2.4kgf/cm², the safety valve Will release the pressure automatically

Recommended temperature and time for sterilization:

- Wrapped : 132°C, 30 minutes
- Unwrapped : 132°C, 30 minutes
- Liquid : 121°C, 15 minutes

Heating time: 121°C within 30 minutes, and 132°C within 35 minutes



TC-series



TC/DA series
TC/A series