

## MAST-T tabletop steam sterilizer

### Product Introduction

MAST-T series: T18/24/45/80 is a Class B tabletop sterilizer. As a type of high pressure sterilizer, it takes steam as its sterilization medium which is fast, safe and economic. They are common used in stomatological department, ophthalmological department, operating room and CSSD to make the sterilization for warped or unwrapped instrument, fabric, utensils, culture medium, unsealed liquid, etc. The design of chamber accords with state GB1502011, GB8599-2008, CE and EN285 standard.



18/ 24 / 45L

60/ 80L

### Product features

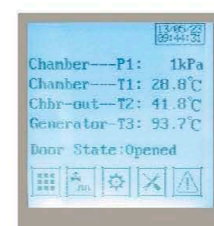
#### • Built-in open-type water tank

Water tank in open type makes it easy to be cleaned. It is available to continuously run with one time water filling, until getting the reminder of replacing the water. The water monitoring module in the tank ensures the enough water level and water quality, while offering the qualified steam to the chamber and keeps the cycle running stably.



#### • Brand-new display interface

LCD screen can show temperature, pressure, time, running process, error and alarm information, etc. Sterilization information is more obvious and easier to observe the running state.



#### • Multiple safety protection devices

Over temperature automatic protection device, multiple control and protection for steam generator, door safety interlock protection and dual chamber over-pressure protection, electronic circuit safety device.

#### • Automatic door structure

T18/T24/T45 adopts automatic door structure, fast and simply operation, protecting the operators from scald. T60/T80 adopts multi-point synchronous linkage pressing technology, more reliable and durable.

#### • Efficient vacuum

Efficient vacuum system, low working noisy, vacuum lower limit can reach over -90kPa, vacuum in high speed, perfect drying performance, thorough sterilization.

#### • A variety of programs ( 12 pre-set programs )

Sterilization programs: Unwrapped, Wrapped, Rubber, User01, N-Quick, B-Quick, Prion Test Programs: BD & Helix, Leak Test

Auxiliary Program: Preheat, Drying, Washing

#### • Efficient Steam generator

T18/T24/T45 adopts built-in instant steam generator, T60/T80 adopts built-in energy-storage type steam generator producing steam in high speed and good quantity.

#### • Other features

Pulse vacuum, heating, sterilization, exhausting, vacuum drying totally automatic.

Chamber is heating by film heater, saving energy and time.

The unit is automatically shut off when reaches to the temperature setting.


#### • 19 Alarms

With integrated 19 alarms indicates all the status of the units Door-ST Error, Chamber-T1 high, Ch-out-T2

high, Temp. Low, Vacuum failure, Heat failure, Motor Overtime, Over Pressure, Chamber T1 Error,

Ch-out-T2 Error, General.P2 Error, Chamber P1 Error, low water , P1 off

#### • With combined pressure gauge

Model	Order Code	Class type	Chamber dimension (φxL)mm	Overall dimension (LxWxH)mm	Power supply	Input power (kVA)	Temperature range	Chamber material	Design pressure	Design temperature	Loading Tray
MAST-T	T18	Class B	250x350	560x530x450	AC 220V 50Hz	2.6	105-138℃	Stainless steel 304	-0.1/0.3Mpa	144℃	
MAST-T	T24	Class B	250x450	660x530x450	AC 220V 50Hz	2.6	105-138℃	Stainless steel 304	-0.1/0.3Mpa	144℃	
MAST-T	T45	Class B	316x618	830x640x550	AC 220V 50Hz	5.8	105-138℃	Stainless steel 304	-0.1/0.3Mpa	144℃	
MAST-T	T60	Class B	358x595	1002x730x560	AC 220V 50Hz	7.4	105-138℃	Stainless steel 304	-0.1/0.3Mpa	144℃	
MAST-T	T80	Class B	358x717	1002x730x560	AC 220V 50Hz	7.4	105-138℃	Stainless steel 304	-0.1/0.3Mpa	144℃	

LANGUAGE AVAILABLE OPTIONS : ENGLISH, FRENCH, DUTCH, SPANISH

Optional configuration :

Material 316L stainless steel on request

AC 110V 60HZ ( ONLY AVAILABLE FOR T18, T24 MODELS)