

Tabletop steam Sterilizer Class B MOST-T45

Tabletop steam Sterilizer Class B

Model: MOST-T

Order code:T45



The picture is for reference only, which shall not be taken as standard for machine acceptance. For details, it is subject to technical description.

1 General introduction

MOST-T sterilizer is an automatic high pressure rapid sterilizer which works with steam as medium. Computerised control system. It can be widely used in department of stomatology and ophthalmology, operating room, CSSD. It is suitable for all wrapped or unwrapped solid instruments, A-class cavity instrument (Dental hand piece), implantable instruments, dressing fabric and rubber tubes, etc.

2 Technical data

1.	Program	Sterilization program	Unwrapped	Wrapped	Rubber	User	Liquid	N-Quick	B-Quick	Prion
		Test program	BD & Helix	Leak Test						
		Auxiliary program	Preheat	Drying	Cleaning					
2.	Designed pressure			-0.1~0.3 MPa						
3.	Vacuum low limit			-0.09 MPa,						
4.	Vacuum pulses counts			0~99 Times						
5.	Designed temperature			144℃						
6.	Working temperature range			105-138℃						
7.	Cycle time			45-60mins according to different loadings						

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8.	Chamber structure	Cylinder, Horizontal	
9.	Chamber dimension (ϕ *L)	316X618mm	
10.	Overall dimension (L*W*H)	830×640×550mm	
11.	Weight	115Kg	
12.	Location form	On the table	
13.	Door opening method	Automatic, press button	
14.	Water supply	Pure water	Inner circulation, with open type water tank. 
15.	Clean water tank	Volume	17 liters (Optional)
16.	Dirty water tank	Volume	17 liters (Optional)
17.	Power supply	Control power: AC 220V $\pm$ 10% single phase 50/60Hz	
18.	Input power	3.5kVA	
19.	Pressure display	Analogue pressure gauge for chamber on right side	
20.	Temperature display	Digital Temperature Display on the front panel (LCD screen), Chamber temperature monitoring, accurate to $\pm 1^{\circ}\text{C}$ over the operating range.	
21.	Built-in steam generator	Double Instant steam generator	
22.	Vacuum system	Water ejector system	
23.	Data record	Built-in micro printer	
24.	Loading tray		
25.	Control front panel seal	IP55	
26.	Safety for heating element	A thermostat on the heating unit for protection	
27.	State the test pressure of the autoclave drum	380-400Kpa	
28.	Main body	Polishing	
29.	Vacuum breaker	Bacteria filter	
30.	Safety valve open value	0.25Mpa	

3 Material

Component		Material
1.	Chamber	Standard: SUS304 ; Optional: SUS316L
2.	Chamber insulation material	Rock wool coated
3.	Parts in chamber	Standard: SUS304 ; Optional: SUS316L
4.	Door plate	Standard: SUS304 ; Optional: SUS316L
5.	Outside cover	Carbon steel powder
6.	Water tank	SUS304
7.	Loading tray	SUS304
8.	Door safety catch	SUS304
9.	Water Distiller	Optional

4 Alarm

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| 1. | Water supply failure,Cycle failure,Door interlock switch,Pressure door lock,Chamber-T1 high,Vacuum failed,Heat failed,Overheat protection, Motor SW unclosed, Over Pressure and so on. All alarm will display on LCD screen when it happen. |
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5 STANDARD ACCESSORIES and CONSUMABLES

1.	SHINVA tray	1 sets
2.	Bacteria filters	1 pc (optional)
3.	Printer paper	2 rolls