

LABORATORY



**TABLE TOP STERILIZER T-SERIES B CLASS**  
MODEL : MO-MOST-T18/24/45/60/80

## MoonMed Model MO-MOST-T18/24/45/60/80

## Brief Introduction

**Model Sizes:**

Five standard model sizes : 18/24/45/60/80L



The MO-MOST-T series: T18/24/45/60/80 is a B- Class table top with the most updated technology in the market. This type of high Pressure sterilizer uses steam as the sterilization medium which is fast, safe and economic. This type of B Class unit is reliable and robust commonly used in Medical, Dental, Stomatological, Veterinary, Ophthalmological clinics, Operating Theaters and CSSD's to perform the sterilization of Wrapped or Unwrapped instruments, Fabrics, Utensils, Culture medium, unsealed liquids, hollow instruments and Lumen etc. The B class performance is achieved with a built-in vacuum pump with a vacuum of over -90kPa used for fractionated pre vacuum air removal eliminating air pockets from all load types and maximizing efficient steam penetration throughout the entire load. After the sterilization stage the vacuum pump is again used for post-vacuum drying. Due to the MoonMed overcapacity vacuum pumps, the goods come out perfectly dry every time.

The chamber design is in accordance with GB1502011, GB8599-2008, ISO, CE and EN285 standards.



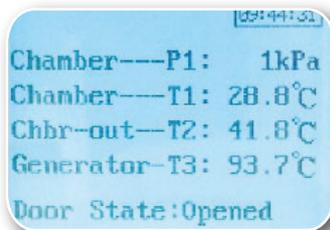
## FEATURES

- Automatic Door Opening and Closing Structure. T18/24/45 have the automatic door opening and closing structure which is fast and simple and also protects the operator from getting steam burns. The T60/80 adopts a multi-point synchronous linkage pressing technology which is even more easy to use and durable.
- Efficient Vacuum. The units are equipped with German vacuum pumps which are less noisy and can reach a vacuum of over -90kPa. The vacuum pump works at a high speed giving a perfect Sterilization and Drying performance.
- Good variety of Programs. Unwrapped, wrapped, Rubber Items, Prions, B-Quick, N-Quick, User 01 with Three test programs: Bowie Dick, Helix, Leak Test
- Efficient Steam Generator. The T18/24/45 have a built in high speed steam generators and the T60/80 also have built in steam generators with energy storage, producing good quantity steam at high speed.
- Stainless Steel Chamber and door. Chamber and door made from durable 304L electro-polished stainless steel which is highly corrosion resistant.
- Wider Internal Trays. Wider, deeper and longer trays allow for more instruments to be packed during a cycle. Due to better packing efficiency less daily cycles are needed hence a big saving of electrical energy and water.
- Other Features. Fully automatic Cycles: Pulse vacuum, Heating, Sterilization, Exhaust and vacuum drying. Energy saving Heating device to heat the chambers saving on electrical usage.
- High precision control system. For better accurate sterilization results
- Integrated printer. To track cycle documentation (optional)
- PC Communication port. This enables storage of sterilization results. USB port is (Optional)
- Hepa Filter. A HEPA air filter 0.2  $\mu\text{m}$  provides sterile, bacteria-free air for drying

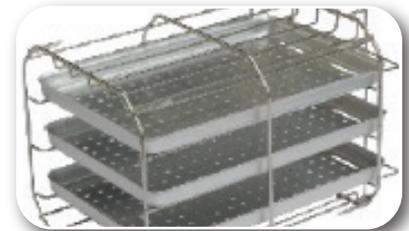
## EXCEPTIONALLY NICE FEATURES



Easy access to water tank-no more bio-burden or Algae



Easy to use Touch screen-all cycle steps shown live



Deep wide trays - allow you to Sterilize 30% more per cycle



## PRODUCT SAFETY FEATURES

- Built-in open type water tank. Open type water tank that is easily accessible and easy to clean. After one time filling it will run continuously until there's a reminder to re-fill. The water monitoring module in the tank ensures that there is enough water at all times to allow a flow of continuous quality steam to the chamber.
- Modern Display Interface. The LCD screen shows: Temperature, Pressure, Time, Active Cycle, Error and Alarms etc. The active Sterilization process is easy to see at a single glance. For an error the alarm will sound
- Multiple Safety Protection Devices. Automatic over temperature device. Multiple protection for steam generator. Door Safety Interlock protection. Dual Chamber over-pressure protection .Electronic circuit safety protection device.

## DOOR SAFETY FEATURES

- Two different door locking mechanisms to prevent the door from opening while the chamber is pressurized.
- Cycle will not start if the door is not locked.
- Cannot open the door at end of cycle until the chamber pressure equalizes the room pressure



Sterilizer  
with  
open door

## Technical Data

MODEL MO-MOST-T18/24/45/60/80 series	T18	T24	T45	T60	T80
Temperature range 105-138°C	✓	✓	✓	✓	✓
Stainless Steel 304L Chamber and door	✓	✓	✓	✓	✓
Design Pressure -0.1/0.3Mpa	✓	✓	✓	✓	✓
Design Temperature 144°C	✓	✓	✓	✓	✓
Loading Trays	✓	✓	✓	✗	✗
Loading Shelves	✗	✗	✗	✓	✓
Chamber Dimensions(ØxL)mm	250x350	250x450	316x618	358x595	358x717
Overall dimensions(LxWxH)mm	560x530x450	660x530x450	830x640x550	1002x730x560	1002x730x560
Power supply AC220V 50/60Hz (can be according to customer needs)	✓	✓	✓	✓	✓
Input Power (kVa)	2.6	2.6	5.8	7.4	7.4

## Factory Production Line of Table Top B Class Series



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