

Steam Sterilizer
(MOST-T)
Operation Manual

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Notice d'information

Documentation utilisateur complète disponible sur demande

Vous consultez actuellement une version synthétique de la documentation relative à ce dispositif médical.

Seule une version allégée du manuel d'utilisation est mise à disposition sur notre site internet. Le manuel utilisateur complet peut être obtenu gratuitement sur simple demande.

Pour recevoir la version intégrale du manuel, nous vous invitons à compléter le formulaire de contact disponible sur notre site internet en précisant la référence du produit concerné.

Notre équipe vous transmettra la documentation complète dans les meilleurs délais, sous format électronique.

Pour toute question complémentaire, notre service client reste à votre disposition.

Important : Avant toute utilisation du dispositif, assurez-vous d'avoir pris connaissance des informations et consignes adaptées à votre usage.

La direction



Please read the Manual before using the equipment.

Before using the equipment for the first time, you should read through this Manual to familiarize yourself with the operation of the equipment and its safety instructions.

Please keep the Manual intact for the lifetime of the equipment.

Make sure that all updates received are saved in the Manual.

In the event of a change in the site or unit of use of the equipment, you must ensure that the Manual is transferred or handed over as part of the equipment as a whole.

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The copyright of this Manual belongs to our company, without permission any unit or individual may not copy and reproduce the contents of this Manual, otherwise our company has the right to pursue the responsibility of the parties concerned.

Our company reserves the right to make changes and design changes without prior notice. The information contained in this Manual is current at the time the Manual was issued.

Safety precautions

This machine is equipped with some necessary safety guards.

To avoid injury, it is strictly forbidden to terminate or break these safety devices.

Important matters

- Please read this Manual carefully before use.
- The machine must be operated by authorized personnel. Operators must receive relevant training.
- Since the machine uses steam, please take the necessary anti-scald measures before use.
- Please keep the machine clean for proper operation.
- Do not rinse or wash the machine with water.
- Installation and maintenance work must be performed by trained personnel.
- If the machine leaks due to a worn door seal, etc., be sure to repair it immediately.
- Machine related parts can only be obtained from our company, otherwise normal operation of the equipment cannot be guaranteed.

Isolation switch

This machine must be equipped with a lockable power switch. The switch must be easily reachable on the wall near the machine. It must be installed and marked according to local regulations.

Emergencies

- Turn off the main power switch.
- Close the steam supply line stop valve (if any).
- Close the water supply line stop valve.

Product Responsibility

Do not modify the equipment or operate it improperly without the permission of our company, and our company will not be responsible for any damage caused as a result.

Warning Symbols

Special attention should be paid to the caution, warning and danger symbols in this Manual

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1. Preface

This Manual is applicable to the installation, operation and maintenance of **MOST-T Steam Sterilizer**.

Please read this Manual carefully before use to ensure that this equipment is safe and reliable for you! This Manual does not specifically indicate the actual configuration of the product, please refer to the product you have purchased and the accompanying packing list.

Product information

- 1) Structure and composition: The product consists of the main body of the sterilizer, sealing door, piping system and control system.
- 2) Product performance: Saturated steam is used as medium to achieve sterilization and disinfection under high temperature conditions, and the number of pulsations can be set as required.
- 3) Product application (use) range: for medical and health care, scientific research and other units for medical devices, laboratory vessels, culture media and non-closed liquid or preparation, and blood or body fluids may contact the sterilization of materials.
- 4) Contraindications: None
- 5) Main sterilization factor and intensity:
This equipment uses moist heat steam as the sterilization factor.
- 6) Sterilization principle
This equipment adopts a specific process to discharge the cold air from the sterilizer chamber and use saturated wet hot steam as the sterilization factor to achieve sterilization of items that can be penetrated by steam under high temperature, high pressure and high humidity, according to the combined effect of certain pressure and time.
- 7) Microbial killing category: killing bacteria and spores.
- 8) Special storage and transportation conditions and methods: None
- 9) production date: see the equipment nameplate
- 10) Use period / life: 8 years / 16000 cycles

1.1. Safety

Special attention should be paid to the cautions, warnings and dangers in this Manual.



Potential hazard to the equipment and should be given high priority.



Potential harm to personnel and must be strictly observed.



Damage to equipment or persons and must be strictly observed.



The replacement and repair of parts should be carried out by our company after-sales service company. Our company is not responsible for any damage to equipment, environment and person caused by private replacement of parts.



This sterilizer is only suitable for sterilizing medical instruments and items that are resistant to high temperature and high humidity, and cannot be used for sterilizing oils and powders such as petroleum jelly



It is strictly forbidden to use this equipment to sterilize liquids enclosed in glass bottles or glassware, because the operation or changes in temperature or pressure may cause the liquid bottles to burst and endanger the safety of people and equipment.



Before performing any operation, maintenance, or servicing of the equipment, please read and fully understand the contents of each section of the Manual, especially those marked with the above-mentioned symbols that should be noted. If the equipment is not used in the manner prescribed by the Company, the protection provided by the equipment may be impaired.

The Manual must be kept in a safe place to prevent loss or damage, and even minor breakage should be avoided. The operator is obliged to repair and make up any part of the instruction manual that is lost, damaged or no longer applicable. No one, under any circumstances, may tear off or remove any part of the instruction manual from it. If you encounter a discrepancy with the instructions in the operating instructions or a situation not covered by the instructions, please contact the manufacturer for an upgrade or update.



The storage place of the Manual should be kept ventilated and dry, avoiding humidity and high temperature.



This equipment is not suitable for sterilizing tightly sealed bottles of liquids. If you want to sterilize the above mentioned liquids, please contact us and we will choose a special sterilizer for you.



When using this equipment to sterilize tightly sealed bottles of liquid, it is easy for the operator's negligence or violation of operating procedures to explode the bottle, seriously endangering the safety of the person and equipment.



Chlorine ions are an important factor in the corrosion of stainless steel.

Sterilizers are prohibited from sterilizing items containing chloride ions to avoid corrosion of internal stainless steel by deposited chloride ions and to extend the service life of the equipment.



If you see  anywhere on the equipment, consult the relevant documents, such as the Manual, in order to clarify the nature of the potential hazard and any countermeasures that must be taken.



When you see  in any position of the equipment, it means that its surrounding temperature is high, please pay attention to avoid burns.



1) The unit using the product should carry out routine maintenance of the equipment during use and regular self-inspection.

2) The product unit should be in use at least once a month for self-inspection, and make records. The use of units in the use of products for self-inspection and routine maintenance of abnormalities found, should be dealt with in a timely manner.

3) The product unit should be used in the product safety accessories (safety valves, pressure gauges, etc.), safety protection devices, measurement and control devices and related subsidiary instruments for regular calibration, overhaul, and to make records.

4) The product operator and its related management personnel, in accordance with relevant state regulations by the special equipment safety supervision and management departments to pass the examination, obtain the national special operator certificate before engaging in the corresponding operations or management.

5) The use of units should be the operators of special equipment safety, energy saving education and training to ensure that special equipment operators have the necessary special equipment safety, energy saving knowledge. The product operators in the operation should strictly implement the operating procedures of special equipment and related safety regulations.



It is recommended to evaluate the electromagnetic environment before using the equipment. Prohibit the use of this equipment next to strong radiation sources (e.g., unshielded RF sources), as this may interfere with the proper operation of the equipment



If there is an accident during the proper use of the product, if the device alerts or other malfunctions occur, please immediately cut off the power to the device and correct the malfunction according to the "Alarm Codes and

Troubleshooting" the Manual, if the malfunction cannot be solved, please contact the manufacturer.



Before running the sterilization process, perform the necessary monitoring in accordance with national and regional regulations. Place the monitor (e.g. biological or chemical indicator) in the device, run the appropriate cycle to monitor the sterilization effect, and evaluate the results. If it passes, it can be used normally, if it fails, find the reason or contact the manufacturer.



When the equipment reaches the end of its service life or needs to be disposed of, please recycle it according to the relevant local recycling methods. Special attention should be paid to the batteries in the control system during the recycling process, which should not be discarded at will and should be put into the special recycling box set by the relevant organization.



When the sterilizer is in normal operation, the noise is measured with a sound level meter at 1m from the sterilizer and 1m from the ground height in 4 directions: left, right, front and back, and the noise is not more than 70Db (A weighting).

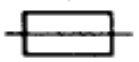
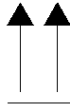
1.2. Symbol Description

1.2.1. Label

The specific definitions of the safety signs applied in the equipment are as follows.

Table 1-1 Table of safety signs

			
On (power supply) IEC417, No. 5007	Off (power supply) IEC417, No. 5008	Ground (ground) IEC417, No. 5017	Protective ground(ground) IEC417, No. 5019
			
DC IEC417, No. 5031	AC IEC417, No. 5032	Refer to the attached files ISO3864, No. B. 3.1	Pay attention to electric shock ISO3864, No. B. 3.6
			

Pay attention to the surface overheating IEC417, No. 5041	Reference instructions	Keep dry	Temperature limit
			
Avoid sun exposure	Take care to prevent high voltage IEC417, No. 5036	Fuse IEC417, No. 5016	
Safety symbol			

1.3. Technical Parameters

Table 1-2 MOST-T sterilizer parameters table

Product code	Volume	Chamber size / mm (available)	Power supply	Input power / KVA
T18	18L	Φ250×350	AC 220V 50/60 Hz	2.6
T24	24L	Φ250×450	AC 220V 50/60 Hz	2.6
T25	29L	Φ250×645	AC 220V 50/60 Hz	5.6
T45	45L	Φ316×618	AC 220V 50/60 Hz	5.8
T60	60L	φ385×595	AC 220V 50/60 Hz	7.4
T80	80L	φ385×717	AC 220V 50/60 Hz	7.4

- Design pressure: -0.1/0.30MPa
 - Design temperature: 144℃
 - Vacuum lower limit: -0.08MPa (B type)
 - Temperature range: 105~138℃
 - Temperature display accuracy: 0.1℃
 - Pressure display accuracy: 1kPa
- See equipment nameplate for details of specific equipment types.