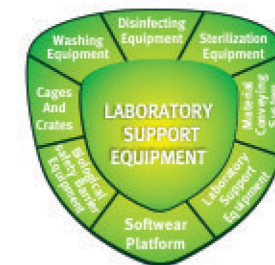


MOST-L Laboratory Series Steam Sterilizers



For health Be credible

Optional Functions

● Dual-temperature Control System

It would effectively and accurately control the temperature of inner chamber while guarantee the uniformity and accuracy of inner and outer load temperatures if the mobile probe that may test the load temperature for dual-temperature control is selected.

● Drying System

The rear thermal-drying system is adopted to effectively dry the materials.

● Enclosed Liquid Sterilization Function

Hardware configuration and software control are added to realize sterilization of enclosed liquid without bottle explosion or bag expansion.

● Rapid Cooling Function

The rapid cooling system is selected to effectively reduce 80% of cooling time, substantially enhancing equipment efficiency.

Equipment Volume	250ml	500ml	1000ml	2000ml	3000ml
65L	3×11	2×8	2×5	1×3	1×2
85L	3×11	3×8	2×5	2×3	1×2
110L	4×11	4×8	3×5	2×3	2×2

● Data Recording

Mini-printer: thermal printing without noise, used to print process parameters like date, time and temperature, etc.

Electronic storage: U-disk storage function, with special software system to analyze data.

Remote monitoring: with tablet PC to achieve remote monitoring of equipment.



Developed Assembled & Manufactured by

ATNT Laboratories in technical collaboration with

Shinva Medical P.R. China

ISPA engineering Pvt Ltd India

Wagle Industrial Estate, Mumbai

Thane -400604 Maharashtra India

ATNT Laboratories

Unit # 812, Excellencia Lodha Supremus 1,

Rd No.22, Wagle Estate, Mumbai, Thane - 400604, India.

Mob. No. +91 - 9892520959

Tel. +91-22-25830958 / + 91-22-25830959

Email ID : info@atntlabs.com, ashutosh@atntlabs.com

Web : www.atntlabs.com

MOST-L Laboratory Series Steam Sterilizers



Product Introduction

The MOST-L Laboratory Series Steam Sterilizers are mainly applied by laboratories in universities, pharmaceutical factories, inspection departments and disease control & prevention centers for sterilization of labware, culture medium, unsealed liquid or preparation and materials that may contact blood or body fluid in scientific research or medical care units.

Characteristics

- **Clamshell-type Automatic Door Structure**
The multipoint synchronously Interaction and pressing technology renders more reliable door sealing, and the one-button door opening saves time and energy.
- **Humanized Operation System**
- **Microcomputer automatic control, LCD text display and induction-type buttons** facilitates observation of informational parameters of equipment and process messages of sterilization, making the operation simple and convenient.
- **Water Quality Testing Function**
The system examines water quality within the tank, and would prompt the user in case the water quality becomes off-spec.
- **Rich Program Types**
108 programs in three categories (lab program, medical program and custom program) are set so that the user may flexibly have the program parameters defined.
- **Flexible Steam-discharge Control**
The user may, based on actual demand, change parameters to control the steam-discharge velocity, which includes rapid, slow and zero.
- **No Steam Exhaust throughout the Whole Process**
The equipment water is stored to achieve internal circulation of water steam. A condensing system is mounted inside to guarantee that no steam is exhausted throughout the whole process, effectively avoiding aerosol generation and lab injury occurrence and thus ensuring the safety.
- **Safety Interlocking**
Automatic protection device against overtemperature: the heating power supply would be automatically cut off and trigger the alarm in case of overtemperature.



Dry burning-resistant protection device: the heating power supply would be automatically cut off and trigger the alarm in case the water level is lower than the set water level system.

Door safety interlocking device: an electronic lock structure is adopted, and the sterilization process can only be initiated after the door is fully locked; the door would not open if any pressure exists inside the inner chamber or the power supply is not connected.

Automatic pressure-relieving device against overpressure: the safety valve would automatically relieve the pressure in case the pressure inside the inner chamber reaches the opening pressure of safety valve.

Electronic circuit protection device: the AC major loop is with safety protection, and the quality-control loop is with overvoltage and overload protection.

Cooling lock: the door would not open in the event that the temperature of liquid inside the inner chamber exceeds the safety limit, avoiding dangers that may be caused by liquid splash or even bottle explosion and thus guaranteeing safety of operators and materials.



L65/L85/L110 Clamshell

Technical parameters

Model	Volume(L)	Working area size(Φ×L)mm	Overall dimensions(L×W×H)mm	Basket size(mm)	Net weight (kg)	Power(kVA)
L65	65	Φ400×590	640×665×940	Φ385×230	120	4.4
L85	85	Φ400×750	640×665×1100	Φ385×300	125	4.4
L110	110	Φ400×940	640×665×1290	Φ385×260	140	6.6

Design pressure	Design temperature	Temperature range	Temperature display accuracy	Pressure display accuracy	Chamber material	Power supply
-0.1/0.3MPa	144℃	40~138℃	0.1℃	1 KPa	06Cr19Ni10Stainless Steel	220V 50Hz
Melting temperature	Sterilization time	Appointment time	Exhaust temperature	Holding temperature	Heat preservation time	Validation port
60~100℃	0~9999min	0~160h	45~134℃	40~100℃	0~160	1inch