

AUTO CLEVE PRODUCT MANUAL

Shanghai shenjiayi Instrument Equipment Co., Ltd

Provide better services to
users and do our part in
scientific research work
in the world, which is the
driving force for our
continued progress



ATUO CLEVEPRODUCT MANUAL
CONSTANT TEMPERATURE &
HUMIDITY CHAMBER SERIE
DRUG STABILITY TEST CHAMBER

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Shenjiayi Instrument
Product Manual

2023/04

COMPANY PROFILE

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Shanghai shenjiayi Instrument Equipment Co., Ltd

It is a professional scientific research equipment and laboratory equipment manufacturer integrating R&D, production, sales, service and has complete production equipment and strong R&D capabilities. It fully implements the ISO9001 international quality management system certification standards Shanghai Shen Jiayi adheres to the business philosophy of "entrance and progress" and constantly innovates technology and grinding technology to provide users with better services to the scientific research work of the motherland. It is our driving force for our continuous progress. In the face of a market where opportunities and challenges coexist, we look forward to working together with you for a win-win situation.



► Tang Series | Sterilizer

A high-end product meticulously designed for laboratory applications, combining safety, convenience, intelligence, energy efficiency, and high performance.



20 MODELS
4 SIZES

58L > 78L > 90L > 110L

► 产品参数 / Product parameters

| | | | | |
|-------------------------------------|--------------------|--------------------------------|-------------------------|-----------|
| Capacity/Model | | | | |
| 58L | 78L | 90L | 110L | |
| Standard | | | | |
| Tang-58B | Tang-78B | Tang-90B | Tang-110B | |
| Auto-Dry | | | | |
| Tang-58G | Tang-78G | Tang-90G | Tang-110G | |
| Auto-Water | | | | |
| Tang-58S | Tang-78S | Tang-90S | Tang-110S | |
| Bio-Safety | | | | |
| Tang-58A | Tang-78A | Tang-90A | Tang-110A | |
| Custom | | | | |
| Tang-58Y | Tang-78Y | Tang-90Y | Tang-110Y | |
| Temperature Range | | | | |
| 40-65(Micro-adjustment) | 40-80 (Preheating) | 65-100 (Dissolution) | 105-140 (Sterilization) | |
| Maximum Working Pressure | | | | |
| 0.26MPa | | | | |
| Inner Dimensions (Diameter × Depth) | | | | |
| 58L/Φ400*58 | 78L/Φ400*730 | 90L/Φ400*820 | 110L/Φ400*980 | |
| Outer Dimensions (L× W × H) | | | | |
| 58L/660*800*990 | 78L/660*800*1150 | 90L/660*800*1240 | 110L/660*800*1400 | |
| Power Consumption | | | | |
| 58L/130KG/2800W | 78L/140KG/3500W | 90L/152KG/4800W | 110L/165KG/4800W | |
| Water Consumption (Per Cycle) | | | | |
| 50ML*30 | 100ML*21 | 150ML*20 | 200ML *16 | 250ML *14 |
| 300ML*12 | 500ML*8 | 1000ML*5 | 2000ML*3 | 5000ML*1 |
| Power Supply | | | | |
| (58/78)220V ±10% 16A 50/60HZ | | (90/110) 220V ±10% 32A 50/60HZ | | |

► 技术配置/Technical configuration



► 标准配置/Standard configuration

● 标配 ○ 选配

| | |
|--|---|
| Touch screen control | ● |
| 120 program storage | ● |
| Password hierarchical access permissions | ● |
| USB port | ● |
| Pressure inverter | ● |
| PT100 temperature sensor | ● |
| Steam temperature sensor | ● |
| Anti-dry burn protection device | ● |
| Large capacity FLASH storage module | ● |
| Condensing fan | ● |

选装配置

| | |
|--|---|
| 3Q certification | ○ |
| printer | ○ |
| Data Export | ○ |
| Item Sensor | ○ |
| Voice control | ○ |
| Temperature pressure network (data) network monitoring, cloud platform | ○ |

Custom Configuration

Our technical team supports personalized program customization. Customers can test and validate parameters in our laboratory.

Personalized configuration

Customers can test and determine the specific parameters of your customized equipment in our testing room.

便捷精密/Convenience and precision



- Temp7-inch touchscreen for intuitive operationand comprehensive display
- Temperature accuracy: $\pm 0.1^{\circ}\text{C}$.
- Sterilization mode can be preset: Liquid A, Liquid B + Insulation, Dissolve C + Sterilization, D + Insulation, E Equipment, F, Waste
- The program storage volume reaches 120 pieces
- Pressure can be displayed and monitored in real time on the touch screen
- Records can be displayed | Sterilization temperature | Pressure data curve
- Record and store alarm data related to sterilization pot in real time
- The status of the door lock is clear at a glance on the screen, and the electromagnetic lock can be unlocked with one click on the touch screen.
- Printing time (interval) can be set on the touch screen, or the printer can be set on or off.
- Graded password permission management
- Steam saturation self-test function
- 故障, 后Faultbackgrind self test function

Shenjiayi sterilizer uses the world's most advanced mechanical and electronic components, and the combination of these two ensures that laboratory sterilization processes can meet new and higher quality standards. The high quality assurance of all mechanical and electronic components improves the sterilization process, so as to better meet the specific requirements of current and future laboratories.

安全创新/Security Innovation



Electromagnetic door lock:

The double safety lock system detects the pressure, force and temperature in the cavity at the same time. The cover can only be opened when both are within the safety value. When closing the cover, if the locking device is not in place, the system will alarm and lock.

After the sterilizer is deactivated for 10 minutes, the system will automatically cut off the power supply to make the door lock fixed, which is safe and energy-saving. To unlock, just click the door opening button on the touch screen.



Overvoltage double protection:

Pressure is displayed and monitored in real time on the touch screen, equipped with safety valves and high-pressure protection switches. When the pressure is abnormal, it will automatically relieve pressure and lock the heating and power outage and reduce the temperature and

► 人性化设计 / Humanized design



01 | Quick-release Safety Valve
Tool-free disassembly for easy maintenance.

Quick release pressure gauge
Can be disassembled quickly and easily measured



03 | Insulated Handle
Heat-resistant and anti-slip.

Hydraulic Hinge
Effortless lid operation.



05 | Stainless steel steps
Convenient to collect and store experimental samples, providing convenience for experimental personnel

► 服务 / SERVICE

Shenjiayi sterilizer has been recognized and praised by more and more users for its safe, reliable and excellent performance. We strive for excellence and forge ahead. Always aiming to create a first-class brand and provide all-round services to the majority of users. Professional partners can work with us around the world to provide you with relevant product consultation, sales and after-sales services.



全自动高压灭菌器