



# Sterility Test Isolator CST Series

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TECHLEAD®CST series isolator is mainly used for the protection of key processes such as sterility testing, dispensing, etc. It create a continuous GMP Grade A environment through physical barrier and efficient  $\text{VH}_2\text{O}_2$ , reducing the risk of exogenous and cross contamination, and conforming to the Chinese Pharmacopoeia, EU GMP/FDA cGMP/USP-NF requirements. Continuous or batch operation is possible.



### Applications

- Used for sterility test or microbial limit test of sterile pharmaceuticals

### Features

- Built-in  $\text{VH}_2\text{O}_2$  system which can reach 6-log kill sterility assurance level. Sterilization time is significantly reduced
- Vertical laminar flow with no dead space to protect critical aseptic operations
- Modular structure, easy to disassemble and assemble, convenient to pack and transport
- Intelligent control system with multi-level authority management, e-signature and audit trail functions, fully compliant with GMP, EMEA and FDA computer system validation(CSV) and data integrity(DI) requirements
- Ergonomic design, optimise the tilt angle of the operation panel, light source and height, more comfortable to operate
- Integrated functional modules, such as environmental monitoring systems, glove integrity testing, etc. According to the customer's demand, it can selectively integrate various modules such as sterile transfer chamber, rapid transfer port(RTP), sterility test pump, sterile liquid transfer port, bag-in/bag-out(BIBO) high-efficiency filter and so on

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- Provide sterilization cycle development, validation research and services
- Energy saving and consumption reduction, optimised airhandling system, reduced room fresh air demand and air conditioning system requirements, reducing operating costs

Airflow: Unidirectional flow	Noise: < 65dB(A) when in the aseptic holding stage
Built-in Sterility Test Pump: 1 or 2 units	Power Supply: 380V, 50Hz
Accessories: 12.1" industrial panel PC/NetSCADA system	Power: 2500W when in the aseptic holding stage
Max.Power: 3000W when in the sterilization cycle stage	

## Specifications

Model	Description	Dimensions(mm)	Operating Space	Transfer Chamber Space
CST-LG2	Single-side laminar flow operating chamber + transfer chamber	2300x930x2420	1140x675x700	600x550x700
CST-LG3	Single-side laminar flow operating chamber + transfer chamber	2700x930x2420	1490x675x700	600x550x700
CST-LG4	Single-side laminar flow operating chamber + transfer chamber	2950x930x2420	1790x675x700	600x550x700
CST-LAG2	Single-side laminar flow operating chamber	1670x930x2420	1140x675x700	/
CST-LAG3	Single-side laminar flow operating chamber	2065x930x2420	1490x675x700	/
CST-LAG4	Single-side laminar flow operating chamber	2315x930x2420	1790x675x700	/



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