

AMSTAR



Sterility Test Isolator Workstation

AMSTAR

Containment

01 / Sterility Test Isolator Workstation (STIW)

The AUSTAR STIW is part of our "Standards" range of products, available in two models: UDAF (Uni-Directional Airflow) and TURB (Turbulent).

The STIW is designed to provide an environment where Sterility Testing can take place, providing protection from background contamination and ensuring the testing is undertaken in line with recommend cGMP guidelines / Annex 1.

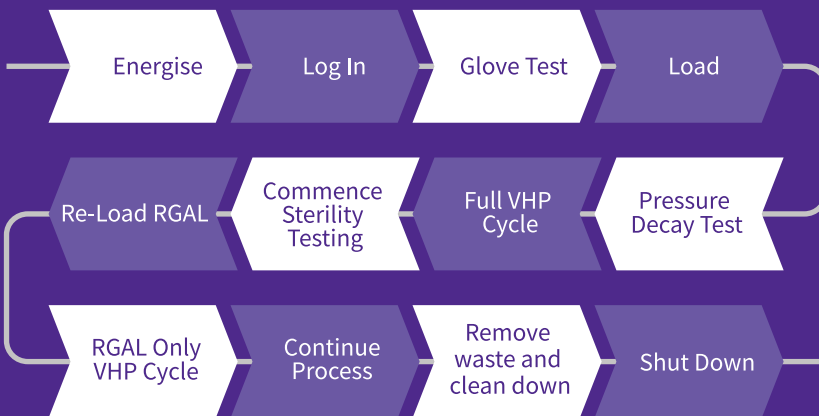
The STIW can be operated "continuously" or in a "batch" flow. The STIW allows for Bio-Decontamination of a load in the Rapid Gassing Airlock whilst the operator works in the Main Chamber.



Rapid Gassing Cycles allows continuous process flow



ISO9001 / ISO14001
Certificate Number: 19575-QMS-001





Customised racking specific to clients load available



High quality stainless steel finish



Energy efficient LED coloured lighting to provide quick visual feedback of current STIW status

02 Available Configurations

We can work with you to provide the STIW specifically configured to you. Ensuring efficient processing, the Main Chamber can be configured with 2, 3 or 4 glove ports whilst the airlock can be positioned on the left or right of the Main Chamber.

Need More Space? >>>

You can have two working chambers with an airlock feeding each side. With our design approach you need never slow down your Sterility Testing.



Advanced Sterility Testing

Improve throughput without compromise – fully engineered stainless steel solution with minimal impact to the cleanroom.

No Exhaust Duct? >>>

No problem – utilising our AUSTAR RAPID-CAT technology we can decontaminate using Hydrogen Peroxide and ensure safe clearance without the need to exhaust to atmosphere.



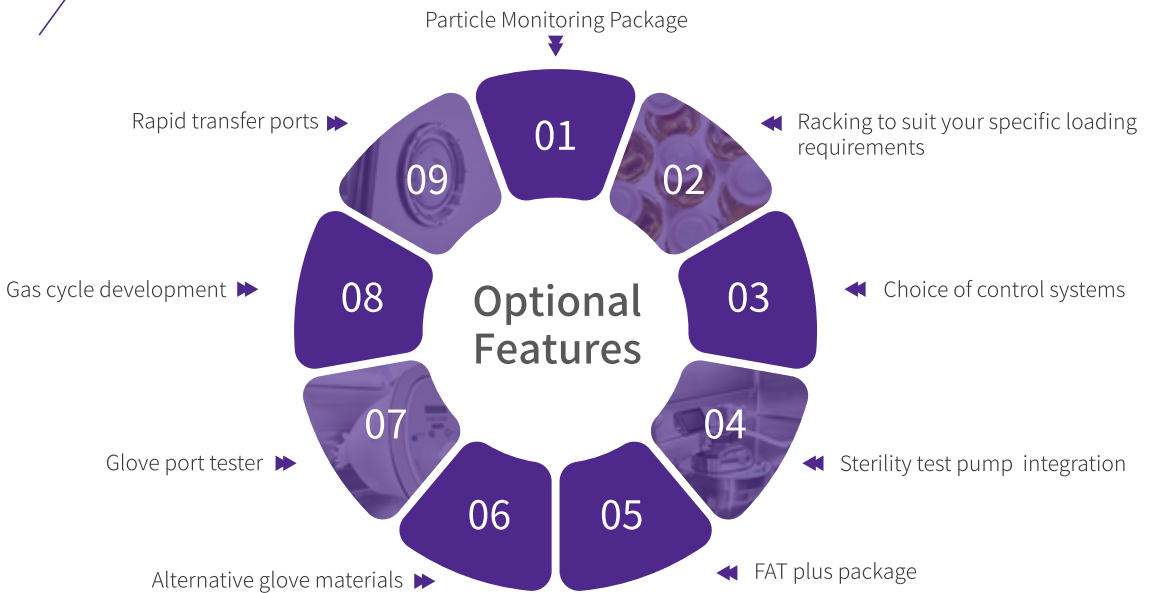
Designed to Suit You!

To start – understand your load. Is it going to be continuous or “all in” – continuous flow allows for smaller or less airlocks, with a working chamber to suit. All in may require you to fully load the working chamber and airlocks. Chamber sizing is provided within the “Technical Information” page. Use these guidelines for arranging your load.

03 Factory Fitted Features

- EU GMP/ISO compliant design
- Turbulent or UDAF HEPA filtered airflow
- Grade A conditions within the critical work zones
- Positive pressure cascades between each chamber and the room
- Fully integrated bio-decontamination system
- LED lighting color changes to indicate gassing cycle status
- Siemens PLC controls with 21 CFR Part 11 compliance
- Touchscreen control
- Sterility testing equipment integration
- Paperless data recording
- 3G/WiFi remote support facility
- EC Machinery Directive 2006/42/EC Declaration of Conformity

04 Optional Features



Dimensions (Width x Depth x Height)	Operating	Utilities
STIW with RGAL: 4 glove: 3230mm x 1115mm x 2400mm 3 glove: 2830mm x 1115mm x 2400mm 2 glove: 2430mm x 1115mm x 2400mm	AUSTAR UDAF: 0.45m/s at working height providing Grade A environment.	Power: Three Phase Power, 24A Single Phase Power, 24A
STIW without RGAL: 4 glove: 2350mm x 1115mm x 2400mm 3 glove: 1950mm x 1115mm x 2400mm 2 glove: 1550mm x 1115mm x 2400mm	AUSTAR TURB: ISO 5 environment with rapid air changes in line cGMP guidance	Compressed air: Clean 8 litres/min

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