

Bioquell | QUBE

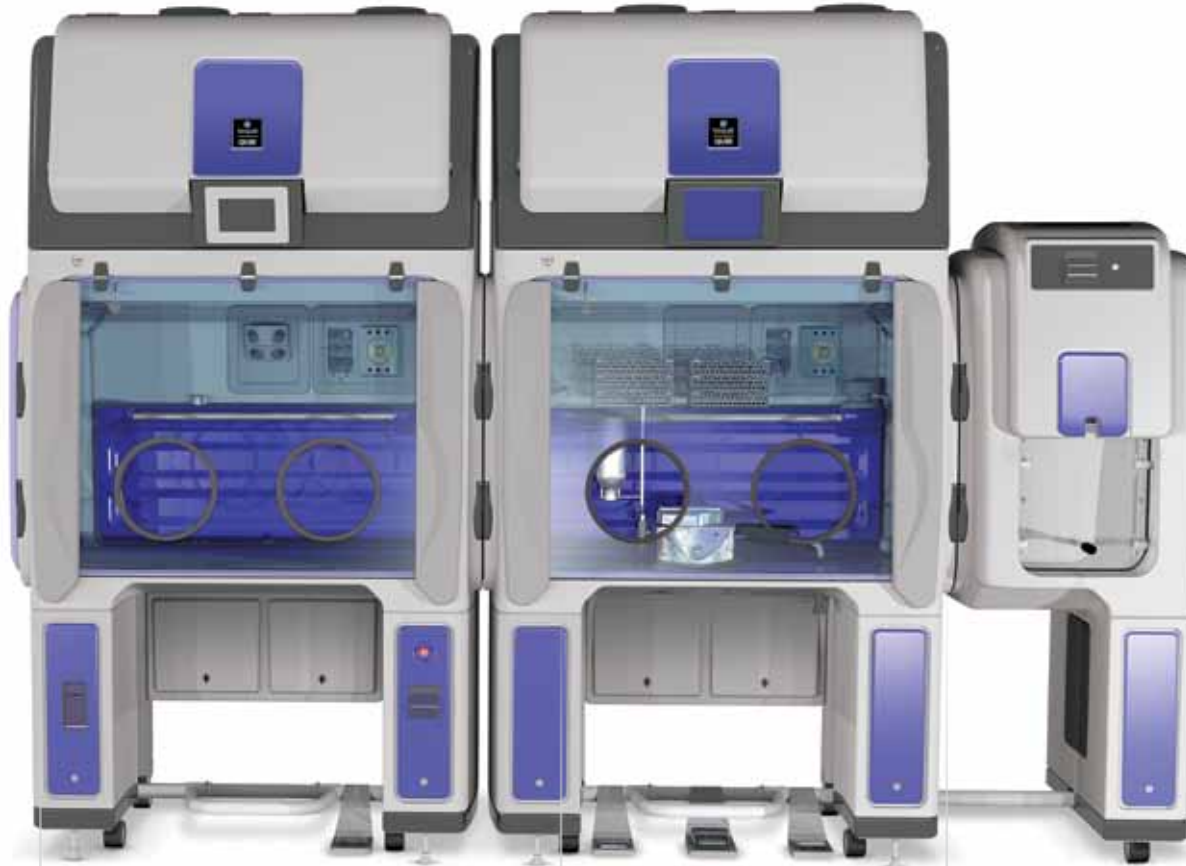
The building blocks for the eradication of false positives in sterility testing



The Bioquell QUBE has been designed to enable the sterility test process to be carried out in an aseptic environment, helping to ensure the elimination of false positives. In combination with market leading sterility test systems, good technique and robust processes, the Bioquell QUBE sterility test system can significantly lower the risk in production.

Rapid, safe transfer in of samples, kits and reagents

The Bioquell QUBE is an aseptic (ISO 5 / Grade A) environment for the testing of small, medium or large batches of samples with reduced chances of false positives.



Hydrogen peroxide vapour (HPV) gassing module
Rapid, residue-free surface disinfection of test kits, sample vials, bags and other components of the sterility test

Extension module for increased capacity
Working area for preparation of the test, plus integrated sterility test pump with foot pedal control

Material transfer / pass-out module
Secure pass out of samples for incubation and cost-effective waste handling



Bioquell QUBE HPV module for surface bio-decontamination, and small-scale sterility testing



Bioquell QUBE HPV module plus material transfer device for enhanced pass-out of samples and waste management



Bioquell QUBE HPV module, extension module and material transfer device for added capacity and larger scale testing



Larger, more flexible configurations available for higher throughputs or multiple batches

Why use the Bioquell QUBE for sterility testing



Fully GMP compliant, with added features of run parameters and reagent traceability recorded and exported with each batch.

Optimally designed storage racking for efficient processing of kits and samples, all within easy reach for the user.

Fully integrated market leading sterility test systems and particle monitoring for confidence in your process and regulator satisfaction.

Flexible configurations allow the user to define what is required for their process workflow.

A system that can grow with you, when your needs change, perhaps more sampling is required or new products are added to your production lines, then modules can be added.*

A safe environment, with Grade A / ISO 5 air quality, uni-directional airflow and fully integrated HPV decontamination, your chances of contaminants are greatly reduced.

Rapid decontamination of incoming test kits and samples allows multiple batches per day for flexibility and throughput – improving efficiency and returns.



* up to a maximum of 3 processing units and 2 transfer hatches



Sterility testing workflow



Batch samples taken from production line



Intelligent racking ensures HPV reaches all surfaces



Samples and test kits are placed in the Bioquell QUBE and the HPV process is started



Bio-decontamination can be monitored in real-time with Bioquell HPV-CIs

RAPID

Utilising best practice, point contact principles ensure rapid processing to meet user demands

ADAPTABLE

The Bioquell QUBE's modular design allows the user to design the system their process requires

ASSURED

Bioquell biological indicators (BIs) and chemical indicators (CIs) have been carefully designed to ensure rapid system validation and minimum process downtime



The samples and test kits are transferred to the extension chamber



In the extension chamber, the samples can be prepared using integrated sterility test pump



Following processing the samples are transferred to incubators



After 14 days, negative results allow batch release

EFFICIENT

The ability to perform bio-decontamination in one module whilst working in the other means operator time is maximised

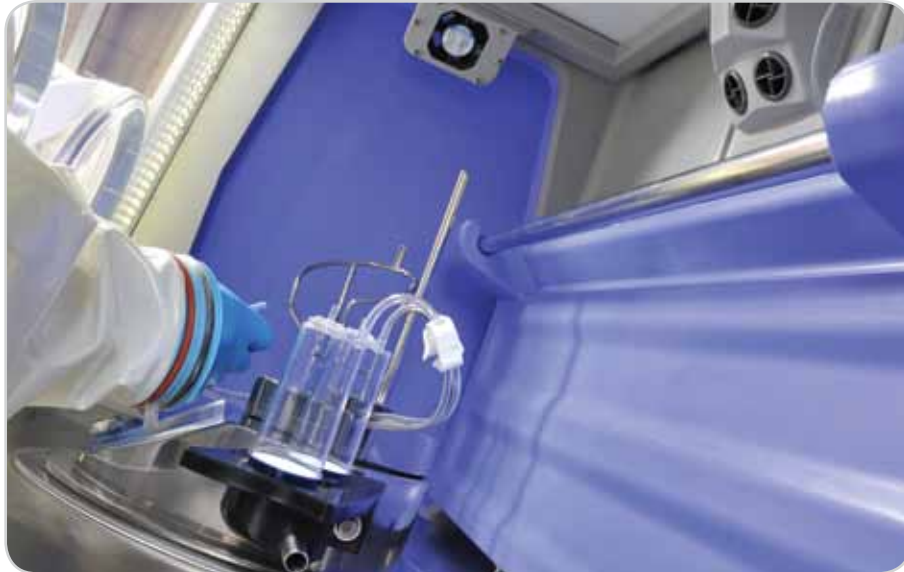
INTEGRATED

Pre-engineered and installed test pumps and monitoring instruments mean less time and money is spent integrating

PRODUCTIVE

Samples can be rapidly removed through optional material transfer devices

Bioquell | QUBE for sterility testing



- Flexible, modular design to meet your needs
- Small footprint
- Ergonomic design
- Rapid decontamination cycles



- Reduce the risks of false positives
- Fast turnaround time for urgent samples
- Higher capacities for large batches
- Can be positioned next to your line or in a separate laboratory
- Ready for rapid microbiological methods



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