

BIOQUELL PORT II

THE TRANSFER CHAMBER BUILT FOR
RAPID BIO-DECONTAMINATION

Eliminate one of the most common sources of contamination in aseptic processes, the improper transfer of materials and consumables. With the Bioquell Port II you ensure the safety of your product and your process safety.

The Bioquell Port II offers a chamber capable of rapid, secure bio-decontamination of incoming materials and consumables when integrated with Bioquell Hydrogen Peroxide Vapour technology. It offers robust aeration capabilities for rapid cycles, and easy integration to current workstations and processes.

Keep your aseptic processes secure by ensuring rapid, automated, and validated 6-log sporicidal bioburden reduction on every exposed surface of transferred materials.



RAPID, SECURE DECONTAMINATION



In less than 20 minutes, get fast and secure cycles capable of 6-log sporicidal decontamination when used in conjunction with Bioquell Hydrogen Peroxide Vapour technology.* The Bioquell Port II hosts an integrated catalyst to quickly breakdown hydrogen peroxide vapour, delivering fast process times with Bioquell's excellence in decontamination.



EFFICIENT MATERIAL TRANSFER

Transfer materials directly into Grade A / ISO 7 areas, such as aseptic isolators, in the shortest possible time. The fast cycle times support 'Just in Time' workflows. The Bioquell Port II's innovative sliding rail system allows easy loading and unloading of large loads and fast transfers into interfaced equipment.



SAFE AND EASY TO USE

The Bioquell Port II offers an intuitive graphical touch screen to ensure easy operation, whilst safety features such as interlocked doors eliminate the potential for incorrect material transfers. Inflatable seals provide an airtight chamber retaining the hydrogen peroxide vapour in the transfer port.

YOUR BIOQUELL PORT II CAN BE OPTIMISED WITH:

- Bioquell L-4 generator (required for the bio-decontamination process)
- Racking options for efficient presentation of loads to hydrogen peroxide vapour
- Various rail system configurations
- GAMP compliant software
- Installation and integration
- Gas cycle development (GCD)
- IQ/OQ/PQ documentation and execution to GMP standards
- Preventative Maintenance plans

APPLICATIONS:

The Bioquell Port II assists in providing rapid bioburden elimination whilst you transfer materials and consumables.

- Material transfer
- Aseptic processing
- Hospital pharmacy compounding
- Sterile production filling lines

CONNECT WITH 3RD PARTY EQUIPMENT TO OPERATE EFFICIENTLY AND SAFELY.

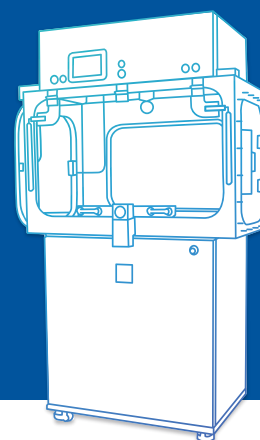
INTEGRATE: The Bioquell Port II can be easily integrated with 3rd party aseptic workstations and is constructed from 316 L stainless steel to ensure it fits seamlessly in your production environment. Inflatable seals are incorporated to create a leak tight connection to interfaced equipment.

DECONTAMINATE: The addition of a Bioquell Hydrogen Peroxide Vapour system, such as the Bioquell L-4, not only enables the decontamination of the Bioquell Port II for material transfer, but allows for decontaminating your full aseptic workstation connected to the Bioquell Port II as needed.



GET TECHNICAL WITH THE BIOQUELL PORT II

Physical and safety data	Operating data	Power data
<p>Dimensions and weight</p> <p>External: 1214 x 1966 x 798</p> <p>Inside Chamber: 1090 x 715 x 645 (trolley 995 long)</p> <p>Mass: 290Kg</p>	<p>H₂O₂ Vapour generation: Via External Bioquell generator</p> <p>H₂O₂ Removal: Internal catalytic filters (Recommended Life 2000 cycles)</p> <p>HEPA filter efficiency 99.997%</p> <p>Control System: Siemens S7-1200 PLC</p>	<p>Power requirements (max): 230 V single phase, 50Hz 6A</p> <p>Operational consumption: 1.25kW</p> <p>Power Supply: Installation category II</p>



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