

# BIOQUELL IG-2

SEAMLESSLY ENGINEERED INTEGRATION OPTION FOR HYDROGEN PEROXIDE VAPOUR TECHNOLOGY

The Bioquell IG-2 Hydrogen Peroxide Vapour generator is a robust system for elimination of microbial contaminants from process equipment, transfer chambers, filling line isolators and more. Thoroughly and rapidly eliminate potential contaminants from every exposed surface with validated and repeatable cycles. We work closely with you to develop the ideal fit for your required set-up and decontamination needs.

Custom and challenging integration applications can be managed with the coordination and guidance of our engineers. Each solution offered for the Bioquell IG-2 achieves the highest levels of performance due to its expert installation and validation efforts. Supplied with a remote control screen and bottle station, the Bioquell IG-2 offers user friendly control situated at the most convenient location.



## RAPID

Validated cycles for repeatable, optimised parameters to eliminate pathogens fast.



## EFFICIENT

Fast, easy operation with storage for up to 300 pre-programmed cycles.



## ADAPTABLE

Flexibility to create your specific decontamination solution for an enclosure or small room.



## INTEGRATED

Completely integrated solution specified to meet your equipment and process requirements.



## ASSURED

Key insights and direction as well as full documentation from Bioquell's experienced engineering and validation team.



## PRODUCTIVE

Capable to be engineered to decontaminate independent areas, keeping your workflow efficient.

## YOUR BIOQUELL IG-2 SYSTEM CAN BE OPTIMISED WITH:

- Equipment commissioning and IQ/OQ
- Comprehensive validation and documentation (IQ/OQ/GCD/PQ)
- Custom engineered solutions to meet your needs
- Integration testing for BMS and more complex systems
- Thorough user training and continued technical assistance
- Remote H<sub>2</sub>O<sub>2</sub> high level sensor for monitoring of concentrations during a cycle
- Preventative maintenance plans
- Range of supply and return hose lengths up to 3 metres
- Handheld Hydrogen Peroxide Vapour detector for sampling and safety

## APPLICATIONS:

The Bioquell IG-2 provides a wide range of solutions offering sleek and fast bioburden elimination.

- Restricted-Access Barrier Systems (RABS)
- Filling lines
- Cage and rack washers
- Isolators
- Incubators
- Freeze dryers (Lyophilisers)
- Robotic enclosures
- Material airlocks
- Small-volume rooms

## INTEGRATION EXAMPLES

### Built-in Capability



Designed to be built-in to process equipment and isolators for a seamless user experience

### Fixed Room Decontamination



Can be used with high capacity Dual Bottle Module for fixed room gassing from a technical room

### Integrated Generator



Integrated decontamination providing effective inactivation of bacteria, viruses, fungi and more

## GET TECHNICAL WITH THE BIOQUELL IG-2

Physical and safety data	Operating data	Power data
Dimensions and weight 545 x 749 x 728 mm (21.5 x 29.5 x 28.7 in)  65 kg (143 lbs)	Temperature limit at start of cycles: 15-30°C (59-86°F)  Storage and opening: 0-35°C (32-95°F)	Regional power data requirements: 230v: single phase 50/60 Hz 6A 120v: single phase 50/60 Hz 12A 100v: single phase 50/60 Hz 15A
Locking brake (2x) Castor lock	Relative humidity (RH) limits at start of cycle: 80% max <sup>2</sup> Storage and opening: 80% (max non-condensing)	Operational consumption: 1.44 kW/h (max)  Supply: Installation category II
Vapour hoses and connectors 1.5 inch nominal bore 1.5 inch male/female camlock coupling	Hydrogen peroxide liquid 35% w/w Bioquell supply only <sup>3</sup> Standard model fits 500 ml and 1000 ml bottle or 950 ml and 2000 ml with Duel Bottle Mode	

<sup>1</sup> The Bioquell IG-2 will allow a cycle to start up to a maximum of 35°C (95°F) starting temperature. However when operating above 30°C, please contact Bioquell to ensure the correct cycle is set up.

<sup>2</sup> If requiring to operate outside this range, refer to Bioquell or its agents.

<sup>3</sup> For a full hydrogen peroxide specification, please contact Bioquell or its agents.

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