



Bioquell® IG-2

Seamlessly engineered and integrated option for hydrogen peroxide vapour bio-decontamination

Bioquell[®] IG-2

An integrated generator solution to meet your bio-decontamination needs



BPR APPROVED

Bioquell HPV-AQ 35% hydrogen peroxide holds a European Union Authorisation under the Biocidal Products Regulation (BPR, Regulation (EU) 528/2012)



ADAPTABLE

Create your specific bio-decontamination solution for an enclosure



PRODUCTIVE

Can be engineered to bio-decontaminate independent areas to keep workflows efficient

The Bioquell IG-2 Hydrogen Peroxide Vapour bio-decontamination system is permanently integrated to process equipment, to help eliminate microbial contaminants from transfer chambers, filling line isolators and more.

With the help of Ecolab's engineering team, customised solutions can be implemented to efficiently integrate the Bioquell IG-2 with an enclosure or equipment to support your process flow needs. Every exposed surface is subjected to a validated 6-log sporicidal kill with each cycle. We work closely with you to develop the ideal fit for your required set-up and bio-decontamination needs.

Supplied with a remote-control touch screen to monitor cycles, a printer, and bottle module to load hydrogen peroxide into the system, the Bioquell IG-2 offers user friendly interfaces which can be installed at the most convenient location for users.

Ecolab's Bioquell IG-2 offers:

- Validated, automated cycle that provides a 6-log sporicidal kill on every exposed surface
- Custom integration solutions to meet your needs
- RFID tagged bottles for traceability, regulatory compliance, and quality control
- 21 CFR Part 11 audit trail compliance package
- Paper and digital cycle reports to support GMP compliance



Applications:

The Bioquell IG-2 can be used to bio-decontaminate a wide range of equipment and enclosures such as:

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

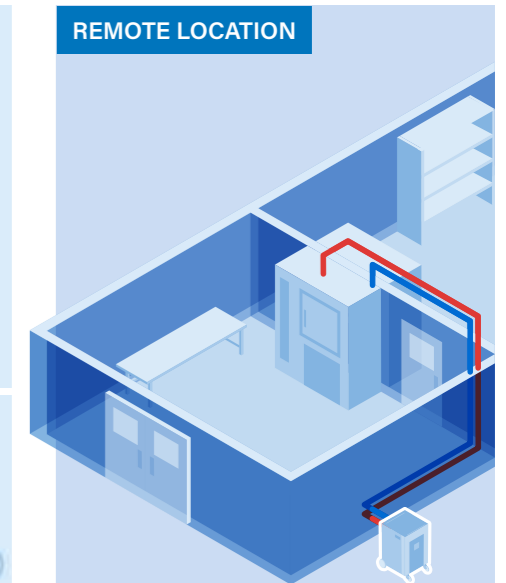
BUILT-IN CAPABILITY



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



REMOTE LOCATION



The system can be connected to equipment from external locations such as adjacent technical areas.

Your Bioquell IG-2 system can be optimised with:

- Equipment commissioning and IQ/OQ
- Comprehensive validation and documentation (GCD/PQ)
- Custom engineered solutions to meet your needs
- Integration testing with equipment PLC or BMS and more complex systems
- Thorough user training and continued technical assistance
- Remote H₂O₂ 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
- Cycle end detector to accurately indicate low-level concentration[†]
- Aeration equipment to accelerate cycle times
- Custom injection nozzles to ensure even distribution of vapour within the enclosure

[†]The cycle end detector reading must not be used as an indication for safe human entry into the bio-decontaminated enclosure. This should be done with an instrument which has been certified for this purpose.



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Technical specifications

Bioquell IG-2		
Physical and safety data	Operating data	Power data
<p>Dimensions and weight 550 x 820 x 730 mm (21.7 x 32.3 x 28.8 in) 64 kg (139 lbs)</p> <p>Locking brake: (2x) Castor lock</p> <p>Vapour hoses and connectors: 1.5 inch nominal bore 1.5 inch male/female camlock coupling</p>	<p>Storage and operating: Temperature limits: 0°C to 35°C (32°F to 95°F) Relative humidity (RH) limits: 80% RH</p> <p>Starting environmental limits: Temperature limits: 15°C to 30°C (59°F to 86°F) Relative humidity (RH) limits: 10% to 80%</p> <p>Hydrogen peroxide liquid 35% w/w. Ecolab approved supply only: Fits approved 500 and 1000 mL bottles</p>	<p>Regional power data requirements: 230 V single phase 50/60 Hz 6 A 120 V single phase 50/60 Hz 12 A 100 V single phase 50/60 Hz 15 A</p> <p>Operational consumption: 1.44 kW (max)</p> <p>Supply: Installation/overvoltage category II</p>

For regional office details, please visit [bioquell.com](https://www.bioquell.com)

USE BIOQUELL PRODUCTS SAFELY. ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE.

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