

### Infection Control Enclosure (ICE-pod)



- Single patient room solution
- Designed to limit the spread of pathogens in ward environments
- Visibility of an open bay with benefits of single bed spaces
- Tailored to each bed space to maximise patient care area
- Facilitates decontamination with Bioquell hydrogen peroxide vapour (HPV) technology in under 1 hour
- Installed without the need to close the unit down
- Each Pod incorporates HEPA filtered air (which can be set in the factory to positive or negative airflows) and specialist, adjustable lighting.



### Room Bio Decontamination System (RBDS)



- Fully managed hydrogen peroxide vapor (HPV) bio-decontamination service
- Scalable from small rooms to complete facilities
- Each cycle uses independently enumerated biological indicators ensuring the Bioquell RBDS process is verified in a challenging.
- Full documentation is provided including risk assessments, method statements, a detailed final report and a bio-decontamination certificate.
- Bioquell RBDS is a highly scalable and rapid bio-decontamination service that helps to get facilities back to an operational and productive status.

### Aseptic Preparation / Compounding Isolator



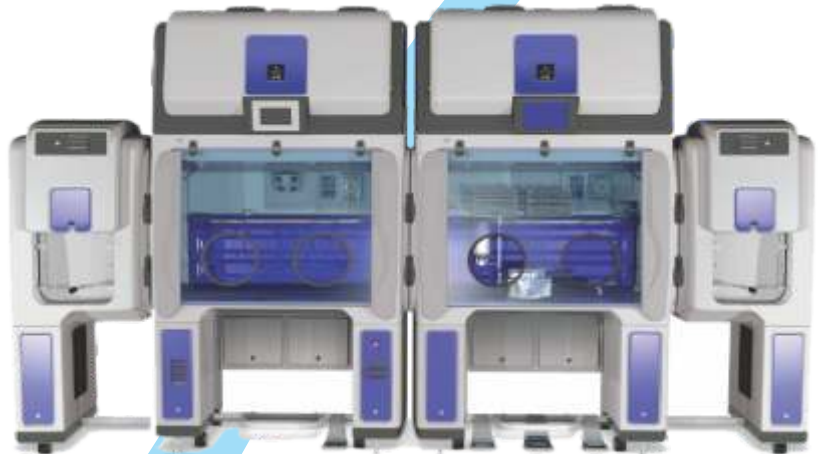
- Bioquell QUBE - Aseptic pharmacy workstation
- New, innovative individual patient prescription preparation solution
- Intelligent modular design for flexibility in pharmacy aseptic services
- Designed for hospital and compounding pharmacies to provide a secure aseptic processing environment to prepare individual patient prescriptions safely, rapidly and cost-effectively
- Rapid high level 6-log sporicidal reduction for improved bio-contamination control
- Compliant with GMP Grade A - Annex 1
- User-selectable positive or negative operational environment

**Qube: External Dimensions**

	Width (mm)	Depth (mm)	Height (mm)
QHPV	1360	843	2335
QMTD	660	800	1750

**Qube: Internal Dimensions**

	Width (mm)	Depth (mm)	Height (mm)
QHPV	1100	540	750
QMTD	440	365	495



### Bio Waste Decontamination System



- Treat upto 9 gallons per day
- Stop autoclaving liquids, using bleach or paying for off-site treatment
- Possibility to retrofit an under an underbench version to existing sinks
- Fully automated, the system controls all stages of the decontamination process, from effluent collection to release. All critical information is recorded on a memory stick and easily transferred to your computer
- Compact layout
- Standard size to fit in workbenches or under benches if connected to existing sinks
- This plug-and-play system requires no servicing. No need for steam, condensate return or chilled water
- Electric power is the only utility required
- Tested in our facility before shipment, it will be fully operational as soon as plugged

### IAQ Monitor



- The CP11 handheld instrument is the latest development of an inexpensive multimeter
- Simultaneously measures and records CO<sub>2</sub>, humidity and temperature.
- It also calculates the dew point and wet bulb temperature.
- Using the instruments prescribed Light software that comes with the device, it can be set as required and data can be downloaded, saved and analysed.



### VOC Monitoring (Portable, On Line & Personal Exposure)



High performance VOC monitors, with revolutionary PID technology for rapid, accurate detection of volatile organic compounds (VOCs). The photoionization detection (PID) with advanced patented Fence Electrode technology increases resistance to humidity and contamination, which is unique.

- Work place monitoring
- Personal exposure monitoring
- Real time fixed monitoring (ETP, Solvent Storage & Recovery areas)

### Gas Leak Detectors

- Handheld helium leak detector for MRI scanner maintenance
- Gas leak detector can be used on an MRI scanner whilst in operation, meaning interruptions to the machinery are avoided
- Helium leaks are found quickly reducing cost, wastage and downtime of the machinery
- LCD display, LED indicator and available sounder clearly indicate the helium leaks present



### Surface/Liquid Hygiene Monitoring Device (ATP+AMP Technology)



- ATP monitoring provides an immediate numerical indication of the target object's degree of cleanliness.
- Our patented technology measures not only ATP but also AMP. The compound AMP is derived from ATP upon processing viz., heat treatment, fermentation etc.
- ATP+AMP together is the most reliable indicator of surface cleanliness and cleaning efficacy.

#### Applications:

- Education of hand hygiene
- Environmental inspection (facility surface hygiene)
- Checking cleanness of surgical instruments after cleaning
- Checking cleanness of endoscope
- Checking cleanness of cooking instruments
- It is very useful to check the cleanliness of surgical instrument critical control points after cleaning & before sanitation. It gives clear indication of sanitation effectiveness.

### Rapid Bio-Mass Detection System In Water



- The Hospital water supply system used for critical areas required to be validated for any microbial contamination. Bio-burden monitoring for water used for surgery / disinfection of surgical equipment (CIP) and final rinse water can be monitored.
- The current conventional method for microbiological testing are culture tests (CFU counts) require days for incubation, causing major process and delays for water quality reports.
- The second generation ATP can detect total microbiological counts within 15 minutes. ATP (Adenosine Triphosphate) is the primary energy carrier for all biological cells and a direct indicator of total microbial content in liquids.



### Instantaneous Biological Counter In Environment



**BioSentinel  
Microbe Sensor**

The BioSentinel microbe sensor from Kanomax can detect microbes such as fungi and bacteria in as little as 10 minutes. Using a patented heating system that serves as a catalyst to enhance the auto-fluorescing properties of these biological particles, the BioSentinel is able to detect them in real-time, providing early warning of a breach in the controlled environment and making it easier to pinpoint the source.

- Real-time measurement of microbes (in just 10 minutes)
- No special skill required to operate the sensor
- Light weight and compact
- Applications include: pharmaceutical, cosmetic, food and beverage production facilities; medical facilities such as exam and patient rooms; cooking and dining facilities