

## BIOQUELL Z

Zone / Room / Building  
Bio-decontamination

- Mobile for fast deployment throughout a facility
- 6 log, high capacity sporicidal reduction
- Ability to speed up cycle times by adding additional aerator
- Programmable room memory for fast cycle recall
- Requires no room conditioning
- High capacity 5 litre internal bottle
- Password protected to ensure authorised use only
- Sensors automatically monitoring gas concentrations, room humidity and temperature
- Parametric control using sensors and room dimensions to automatically calculate optimum decontamination cycle
- Detachable control lectern for remote and safe operation
- Lectern contains and protects touch screen and printer
- Hand held gas sensor for additional safety checks
- Fully automated cycles irrespective of room size
- Easy to follow animated touch screen control
- Minimal amount of operator input
- Hand held laser measure to quickly measure room dimensions
- Optimised use of hydrogen peroxide to reduce consumption
- Controlled and validatable decontamination process
- Repeatable and programmable cycles
- Printed reports to provide cycle information
- Appropriate for cGMP & cGLP environments



Removable Lectern

Ancillary equipment  
stored in lecternTouch screen monitors  
cycle progress

## Technical Specification

Unit Description		: BIOQUELL Z
Unit Part Number	230V	: TD048-0000
	115V	: TD048-0500
Materials of Construction		: Glass Reinforced Polyester (GRP)
		: Acrylonitrile butadiene styrene (ABS)
		: Aluminium
		: Stainless Steel
		: Polyvinylchloride (PVC)
Temperature	Operating	: 15°C – 35°C (for successful bio decontamination)
		: 5°C – 40°C (Safe to operate)
	Storage	: -15°C to 50°C
Relative Humidity	Operating	: 85% RH (maximum)
	Storage	: 95% RH (non condensing)
Power Requirements		: AC 230V 50/60Hz 13 Amps
		: AC115V 50/60Hz 12 Amps
Power Supply		: Installation Category II
Power Consumption	230V	: 2900 Watts
	115V	: 1440 Watts
Operating Position		: Upright Only
Pollution Degree Environment		: 2
Dimensions (WxHxD)	With Lectern	: 660 x 1500 x 710
	Without Lectern	: 660 x 1500 x 560
Weight	With Lectern	: 95 Kg
	Lectern	: 11.5 Kg
Maximum Liquid Volume		: 5 Litres
Control System		: Siemens S7 200 PLC
Maximum number of R2		: 4
Airflow Rates	Vapour	: 50m <sup>3</sup> /Hr
	Air Distribution	: 800m <sup>3</sup> /Hr
Temperature of Vapour Supply		: 50-70°C
H <sub>2</sub> O <sub>2</sub> Liquid Injection Rate	230V	: 20 g/min
	115V	: 10 g/min
Catalyst HEPA Efficiency		: 99.997%
Noise		: XXdB(A)
IP Rating		: IP20
Hydrogen Peroxide		: 30 – 35% w/w Merck AnalaR quality or better (Non-volatile matter <0.005%) For full specification refer to BIOQUELL or its agent.

Your local BIOQUELL distributor:

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 Bio-decontamination solutions

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