

## CERTIFICATE OF TESTING No:6614/09

Issue 1

Customer: Bioquell UK Ltd  
52 Royce Close  
Portway Industrial Estate  
Andover, Hampshire  
SP10 3TS

Customer Reference No: STD228700

TRaC ID No: 6747

### Equipment Tested

EUT: Q-10, R-10 Controller Model No: Q-10 / R-10 Serial No: Prototype

### Test Specifications

**BS EN 61326-1:2006**

testing regulatory and compliance

Date of Test: 9<sup>th</sup> to 21<sup>st</sup> October 2009 Test Location: TRaC Ringwood

Comments: Emissions: Class A  
Immunity: Industrial Locations

Test Results: Compliant  
Würth 742 711 12 Ferrite fitted onto Distribution Fan cables

*This is to certify that the above referenced equipment has been tested in accordance with the requirements of the contract/order/specification as detailed above using test equipment calibrated to traceable National Standards. This Certificate applies only to the product(s) detailed and is not indicative of the qualities of identical or similar products.*

Approved By:



S Youngman (General Manager)

Date of Issue: 22<sup>nd</sup> October 2009

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The results herein relate only to the sample tested. Full results are contained in the relevant works order file.

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### Tests Performed

The following tests were performed on the sample detailed on page 1 of this certificate:

Test	Basic Standard	Frequency Range	Level/Limit	Result
Radiated Emissions	EN 55011	30MHz-1GHz	Class A	Pass
Conducted Emissions		150kHz-30MHz		Pass
Electrostatic Discharge	EN 61000-4-2	N/A	±4kV Contact Discharge ±8kV Air Discharge ±4kV Coupling Planes	Pass
Radiated RF Immunity	EN 61000-4-3	80MHz-1GHz	10V/m 80% AM 1kHz	Pass
		1.4-2GHz	3V/m 80% AM 1kHz	Pass
		2-2.7GHz	1V/m 80% AM 1kHz	Pass
EFT	EN 61000-4-4	N/A	Power Supply ±500V, ±1kV & ±2kV	Pass
			Control Lines ±500V, ±1kV	Pass
Surges	EN 61000-4-5	N/A	Power Supply ±500V ±1kV & ±2kV CM ±250V ±500V & ±1kV DM	Pass
Conducted RF Immunity	EN 61000-4-6	150kHz-80MHz	3V r.m.s. 80% AM 1kHz	Pass
Dips & Interrupts	EN61000-4-11	N/A	0% 20ms 40% 200ms 70% 500ms  0% 5s	Pass