

CERTIFICATE OF TESTING No:6626/09

Issue 1

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

Customer Reference No: STD229301

TRaC ID No: 6959

Equipment Tested

EUT: Clarus

Model No: C

Serial No: None

Test Specifications

BS EN 61326-1:2006

Date of Test: 17th – 18th November 2009 Test Location: TRaC Ringwood

Comments: Emissions: Class A
Immunity: Industrial Locations

Test Results: Compliant – See table of tests on page 2.

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: 27th November 2009

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

RINGWOOD

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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 Note 1
Conducted Emissions		150kHz-30MHz		
Electrostatic Discharge	EN 61000-4-2	N/A	±4kV Contact Discharge ±8kV Air Discharge ±4kV Coupling Planes	Pass Note 1
Radiated RF Immunity	EN 61000-4-3	80MHz-1GHz	10V/m 80% AM 1kHz	Pass Note 1
		1.4-2GHz	3V/m 80% AM 1kHz	Pass Note 2
		2-2.7GHz	1V/m 80% AM 1kHz	Pass Note 2
EFT	EN 61000-4-4	N/A	Power Supply ±500V, ±1kV & ±2kV	Pass Note 2
Surges	EN 61000-4-5	N/A	Power Supply ±500V ±1kV & ±2kV CM ±250V ±500V & ±1kV DM	Pass Note 2
Conducted RF Immunity	EN 61000-4-6	150kHz-80MHz	3V r.m.s. 80% AM 1kHz	Pass Note 1
Voltage Dips	EN 61000-4-11	50Hz	0% for 20ms 40% for 200ms 70% for 500ms	Pass Note 2
Voltage Interruptions			0% for 5000ms	Pass Note 2

Note 1:

Originally tested to previous issue of EN 61326 (1997) under EMC Projects file P3391/1/SF (certificate 5206/02) therefore no additional testing was required.

Note 2:

Testing required to bring the EUT certification up to latest specification (EN 61326-1:2006).