

EMC TEST CERTIFICATE
YORK EMC SERVICES (2007) Ltd
 DONIBRISTLE INDUSTRIAL PARK
 DUNFERMLINE FIFE KY11 9HZ

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 UKAS Testing Number 1574

Issued to: -	Emerson Process Management, Unit 5 Block 2, Dumyat Business Park, Tullibody FK10 2PB	Order No. 4149001078
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Electromagnetic Compatibility Test/s were performed on the apparatus as detailed: -			
Description	Gas Chromatograph		
Type number	700XA		
Serial Number/s	None		
Configuration/ Mode of Operation	Powered by 230V 50Hz Running EMC Test Program to simulate continuous sample analysis.		
Date received	29 th May 2012	Date Tested	30 th May 2012
Specification/s	EN 61000-6-2:2005	Electromagnetic Compatibility (EMC) Part 6-2: Generic standards — Immunity for industrial environments (As listed on Page 2.)	

The apparatus to which this certificate relates was tested against the above specifications. Full results are retained on file at the EMC Test Centre, Donibristle. The apparatus was found to be compliant to the above specifications subject to the following conditions:

UKAS Accreditation
 Tests marked "Not UKAS Accredited" in this certificate are not included in the UKAS Accreditation Schedule for our laboratory.
 Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation.

EUT Submitted
 These results apply only to the particular EUT submitted, in the configuration used and in the mode of operation tested.

Certificate No: -	3412TC1	Job No: -	D0326	Date: -	31st May 2012	Page 1 of 2
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Tested by: -	Approved signatory: -
 B. Tait Principal Engineer B.Sc, MIET	 G. Whyte Laboratory Manager / Senior Engineer, TMIET

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**A BIS
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No 1892**
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Abnormalities/Departures from Standard Conditions

The test standards used reference dated and undated basic standards. Where amendments to the standards have been used, these are indicated.

Tests Referenced

EN 61000-6-2:2005 Electromagnetic Compatibility (EMC)

Part 6-2: Generic standards — Immunity for industrial environments

EN61000-6-2: 2005 refers to the following specifications;
Electromagnetic Compatibility (EMC)

Note: **EN61000-6-2: 2005** references dated and undated basic standards. Standards with amendments have been used during testing, for reasons of equipment and/or facilities calibration, as indicated below

	Required?	Level	Result
EN61000-4-2: 1995 (incl A1, A2) Electromagnetic Compatibility (EMC) Part 4-2. Testing and measurement techniques - Electrostatic discharge immunity test	No	8kV air discharge 4kV contact discharge Not requested	N/R
EN61000-4-3: 2002 (Incl A1) Electromagnetic Compatibility (EMC) Part 4-3. Testing and measurement techniques – Radiated, radio frequency, electromagnetic field immunity test	No	10V/m, 80MHz to 1000MHz, 1kHz 80% AM 3V/m, 1400MHz to 2000MHz, 1kHz 80% AM 1V/m, 2000MHz to 2700MHz, 1kHz 80% AM Not requested	N/R
EN61000-4-4: 2004 Electromagnetic Compatibility (EMC) Part 4-4. Testing and measurement techniques – Electrical fast transient/burst immunity test	No	2kV power lines Not requested	N/R
	No	1kV signal and other Not requested	N/R
EN61000-4-5: 1995 (incl A1) Electromagnetic Compatibility (EMC) Part 5. Testing and measurement techniques. Section 5. Surge immunity test.	No	2kV line to earth 1kV line to neutral Not requested	N/R
	No	1kV signal Not requested	N/R
EN61000-4-6: 1996 (incl A1) (EN61000-4-6: 2007) Electromagnetic Compatibility (EMC) Part 4-6. Testing and measurement techniques - Immunity to conducted disturbances induced by radio frequency fields.	Yes	10Vrms Power lines 150kHz to 80MHz 1kHz 80% AM	Pass
	Yes	10Vrms Signal lines, Earth port 150kHz to 80MHz 1kHz 80% AM	Pass
EN61000-4-8: 1993 (incl A1) Electromagnetic Compatibility (EMC) Part 8. Testing and measurement techniques. Section 8. Power frequency magnetic field immunity test.	No	30A/m 50/60Hz Not requested	N/R
EN61000-4-11: 2004 Electromagnetic Compatibility (EMC) Part 11. Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests	No	0% residual for 1cycle 40% residual for 10/12 cycles 70% residual for 25/30 cycles 0% residual for 250/300 cycles Not requested	N/R

N/R = Not requested by customer.

Opinions/Interpretations/Additional information

None

-----End of Certificate-----