

# Signatrol.com

## Data Logging Solutions

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### EC Declaration of Conformity

**REFERENCE:** SIG-1183-01-02

**MANUFACTURER:** Signatrol Ltd.  
105 Church Street,  
Tewkesbury,  
Gloucestershire,  
GL20 5AB  
UK

**APPARATUS:-** SL7000 series of Universal Data Loggers.

**TYPES:-**

SL7000	SL7100
SL7001	SL7101
SL7002	SL7102
SL7003	SL7103
SL7004	SL7104
SL7005	SL7105

**CONFORMITY:**

The Apparatus has been tested and found to conform with:  
The protection requirements of Council Directive 89/336/EEC on the approximation of the laws of Member States relating to electromagnetic compatibility {Article 10 (1)}, as amended by Council Directives 92/31/EEC, 93/68/EEC and changes.

**STANDARD:**

BS EN 61326:1998 IEC 61326:1997  
Electrical Equipment for measurement, control and laboratory use EMC requirement

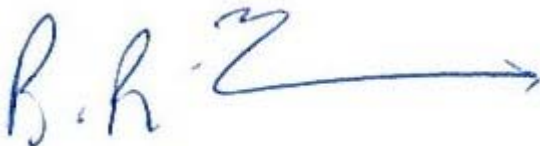
Immunity:

Annex A (Equipment intended for use in Industrial Locations)  
Annex C (Portable test and measurement equipment)

Emissions:

Class B

**Responsible Person**



\_\_\_\_\_  
B R Turner Managing Director

8<sup>th</sup> December 2007

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Date

## Basis for CE Declaration

### *Special Conditions of use to comply with this standard*

Sensor cables <= 3metres.

#### **IMMUNITY :- EN 61326-1 TO ANNEX A**

##### **ENCLOSURE:-**

TEST	STANDARD	TEST VALUE	COMPLIANCE
Electrostatic Discharge	IEC 61000-4-2	8KV CONTACT	A
EM Field	IEC 61000-4-3	10V/M	B
Radiated Power Freq Magnetic Field	IEC 61000-4-8	Not Applicable	-

**AC POWER:-** Not applicable apparatus not power from AC supply.

**DC POWER:-** Not applicable apparatus powered by internal battery

##### **I/O / SIGNAL / CONTROL :- Sensor port**

TEST	STANDARD	TEST VALUE	COMPLIANCE
BURST	IEC 61000-4-4	Not Applicable	
SURGE	IEC 61000-4-5	Not Applicable	
CONDUCTED RF	IEC 61000-4-6	Not Applicable	

COMPLIANCE LEVELS explained:-

PERFORMANCE CRITERIA A: - During testing normal performance within specified limit of  $\pm 0.1\%$  of FS

PERFORMANCE CRITERIA B: - Temporary degradation, or loss of function or performance which is self-recovering.

#### **EMISSIONS :- EN 61326-1 CLASS B**

TEST	RANGE	LIMITS
ENCLOSURE	30 to 230 MHz 230 to 1000 MHz	30 dB (uV/M) quasi peak, measured at 10 m 37 dB (uV/M) quasi peak, measured at 10 m
AC MAINS	Not applicable	