

DECLARATION OF CONFORMITY



Application of Council Directive: 2004/108/EC -The EMC Directive
 2002/96/EC – The WEEE Directive
 2006/95/EC– The Low Voltage Directive

Manufacturer's Name: Teledyne Isco, Inc.

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Equipment Type/Environment: Laboratory Equipment for Light Industrial/Commercial Environments

Trade Name/Model No: 2110 Ultra Sonic Module with Sensor; powered with 923 Power Pack or 2191 Battery

Year of Issue: 2009

Standards to which Conformity is Declared: EN 61326:2006 EMC Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use
 EN61010-1:2002 Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use.

Standard	Description	Severity Applied	Performance Criteria
EN61000-4-2	Electrostatic Discharge	4kV/8kV contact/air discharge	*C
EN61000-4-3	Radiated RF Immunity	10V/m (80 mHz to 1GHz) 3V/m (1.4GHz to 2 GHz) (2.0GHz to 2.7GHz) 1V/m	**B A A
EN61000-4-4	Electrical Fast Transient (EFT)	2kV (5/50ns, 5kHz) on AC lines 1kV (5/50ns, 5kHz) on I/O line (sensor)	**B **B
EN61000-4-5	Surge on AC Lines	2kV Line-Ground 0.5kV Line-Line	**B
EN61000-4-6	Conducted RF on AC & I/O lines	3V rms (150 kHz to 80 mHz)	**B
EN61000-4-11	Voltage Dips	0% during 1 cycle, 40% during 10/12 cycles, 70% during 25/30 cycles	A A A
EN61000-4-11	Short Interruptions	0% during 250/300 cycles	*C
CISPR11/ EN 55011	RF Emissions	Group 1, Class A Industrial, Scientific, and Medical Equipment	***Exceeds Limits
EN61000-3-2, 3-3	AC Harmonics, Flicker		

*2110 froze up and lost communications with computer. Required cycling of power to restore functionality.
 **Sensor levels changed beyond specifications during test.
 ***Sensor exceeds EN55011/CISPR11 Limits and may cause unwanted interference with other equipment at 60MegHz.

We, the undersigned, hereby declare that the design of the equipment specified above conforms to the above Directive(s) and Standards as of July 2009.

USA Representative

William Foster
 Vice President of Engineering Isco, Inc.



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