



EU DECLARATION OF CONFORMITY

This declaration is issued under the sole responsibility of the manufacturer INFICON. The object of the declaration is to certify that this equipment, designed and manufactured by:

INFICON Inc.
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USA

is in conformity with the relevant Community harmonization legislation. It has been constructed in accordance with good engineering practice in safety matters in force in the Community and does not endanger the safety of persons, domestic animals or property when properly installed and maintained and used in applications for which it was made.

Equipment Description:	FLUE-Mate® Combustion Analyzer
Model Number:	502-202-Gxx (xx, Applicable to all Group numbers) 502-203-Gxx
Applicable Directives:	2014/35/EU Low Voltage Directive (LVD) 2014/30/EU General Electromagnetic Compatibility (EMC) 2011/65/EU as amended by 2015/863/EU RoHS 2014/53/EU Radio Equipment Directive (RED)
Applicable Standards:	
Safety:	EN 60335-1 (2012) +EN 60335-1:2012/AC:2014+EN 60335-1:2012/A11:2014 Household and similar electrical appliances - Safety Part 1: General requirements. EN 60950-1 (2006) +A2 (2013) Information Technology Equipment - Safety - Part 1: General Requirements. EN 62311 (2008) Assessment of Electronic and Electrical Equipment Related to Human Exposure Restrictions for Electromagnetic Fields (0 Hz - 300 GHz). EN-50581 (2012) Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances (Electrochemical O2 sensors are exempted according to Annex IV, point 1b).
EMC:	EN 301 489-1 V2.2.0 (2017) Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonized Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU and the essential requirements of article 6 of Directive 2014/30/EU. EN 301 489-17 V3.2.0 (2017) Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonized Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU.
Radio:	EN 300 328 V2.1.1 (2016) Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU.
Emission:	EN 50270:2015 Electromagnetic compatibility - Electrical apparatus for the detection and measurement of combustible gases, toxic gases or oxygen.

CE Implementation Date: July 15th, 2024

Authorized Representative:

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