

Declaration of Conformity



We **Heraeus Electro-Nite International N.V.**
 Address **Centrum-Zuid 1105**
B-3530 Houthalen, Belgium

declare under our sole responsibility, that the industrial product

iM² Sensor Lab

fulfills the requirements of the applicable UK Acts & Regulations.

Test procedures, based on Designated Standards, have been carried out by a conformity assessment body for demonstrating product compliance with the essential requirements of following UK Regulations:

Electrical Equipment Safety Regulations 2016, S.I. 2016/1101

EN 61010-1:2010: Safety requirements for electrical equipment for measurement, control and laboratory use

Electro Magnetic Compatibility Regulations 2016, S.I. 2016/1091

Immunity standard according IEC/EN 61000-6-2:2005 + AC:2005:

EN 61000-4-2: Electrostatic discharges, ESD immunity on enclosure ports

EN 61000-4-3: Radiated RF electromagnetic field immunity on enclosure ports

EN 61000-4-4: Electrical fast transients immunity on signal, AC and DC ports

EN 61000-4-5: Electrical surges immunity on signal, AC and DC ports

EN 61000-4-6: RF conducted disturbances, common mode immunity on signal, AC and DC ports

EN 61000-4-11: Voltage dips, short interruptions and variations immunity on AC ports

Emission standard according IEC/EN 61000-6-4:2007 + A1:2011:

EN 55016-2-3: Radiated emission disturbance on enclosure ports

EN 55016-2-1: Conducted emission disturbance on AC ports

EN 61000-3-2: Conducted harmonic current emission on AC ports

EN 61000-3-3: Conducted Voltage fluctuations and flicker on AC ports

EN 55022: Conducted emission and RF disturbance on telecom/network port

The instrument (Class A device) is also evaluated according US Federal compliance FCC Rules, Title 47 Part 15:

Section 15.109; acc. ANSI C63.4:2014: Radiated emission on enclosure ports

Section 15.107; acc. ANSI C63.4:2014: Conducted emission on AC power port

Technical Files are available, describing the apparatus, circuit diagrams, parts listing and attestation test reports.

Place and date of issue:

Houthalen,
Aug. 31th; 2022

Name and function of authorized person(s):

Luc Lammerant
 Industrialization Manager Instruments & Manipulators

Veerle Hendrickx
 Head of Finance

Signatures: