



EU 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 product
iM² Sensor Lab™

fulfils the essential requirements of the Directives

Low Voltage Directive (LVD) 2014/35/EU

Electro Magnetic Compatibility (EMC) Directive 2014/30/EU

RoHS 2 Directive 2011/65/EU

and is conform to following Harmonised Standards or test protocols, used as evaluation and judgement of the product:

Low Voltage standard according IEC 61010-1:2010

Part 1: General requirements for electrical equipment for measurement, control and laboratory use

Immunity standard according EN 61000-6-2:2005

EN 61000-4-2: 2009-12; Electrostatic discharges, ESD immunity

EN 61000-4-3: 2011-04; Radiated RF electromagnetic field immunity

EN 61000-4-4: 2013-04; Electrical fast transient bursts immunity

EN 61000-4-5: 2015-03; Electrical surges immunity

EN 61000-4-6: 2014-08; RF continuous conducted disturbances immunity

EN 61000-4-11: 2005-02; Voltage dips, short interruptions and variations immunity

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

EN 55016-2-3: 2010; Radiated disturbance measurements

EN 55016-2-1: 2014; Conducted disturbance measurements

EN 55022: 2011-12; Conducted emission for IT equipment, Radio disturbance characteristics

EN 61000-3-2: 2015-03; Conducted emission, harmonic current emissions

EN 61000-3-3: 2014-03; Conducted emission, voltage fluctuations & flicker

Low Voltage standard according IEC 61010-1:2010

Part 1: General requirements for electrical equipment for measurement, control and laboratory use

A third party, Notified Body assessment was done by an accredited laboratory (Blue Guide EMC Lab).

A Technical Construction File (TCF) is available, describing the apparatus, drawings, standards specifications and testing reports.

Place and date of issue

**Houthalen,
March 22, 2017**

Name and function of authorized person(s)

**Steven Beerten,
Quality Manager**

**Hans van der Valk,
VP Corporate Finance & Controlling**

Signature(s)