

# 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

## **HYDRIS.NET system (PR2 Processor and Pneumatic unit)**

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:

EN 61000-4-2: Electrostatic discharges, ESD immunity on the Enclosure port

EN 61000-4-3: Radiated RF electromagnetic field immunity on the Enclosure port

EN 61000-4-4: Fast transients on the Signal ports (+/-1kV, 5 kHz) and on the AC ports (+/-2kV, 5kHz)

EN 61000-4-5: Surge immunity on the Signal and AC ports

EN 61000-4-6: RF continuous conducted disturbances, common mode immunity on the Signal and AC ports

EN 61000-4-8: Field immunity to magnetic disturbances at power frequencies

EN 61000-4-11: 2004: Voltage dips and Interruptions on the AC ports

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

EN 55016-2-3: Radiated emission on the Enclosure port (Class A)

EN 55016-2-1: Conducted emission on the AC Mains port (Class A)

EN 61000-3-2: Harmonic current emission on the AC Mains port

EN 61000-3-3: Voltage changes, fluctuations and flicker on the AC Mains port

EN 55022: Conducted emission and RF disturbance on telecom/network port (Class A)

The system (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 the Enclosure port

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

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

Place and date of issue

**Houthalen,**  
**Aug. 31<sup>th</sup>; 2022**

Name and function of authorized person(s)

**Luc Lammerant**  
 Industrialization Manager Instruments & Manipulators

**Veerle Hendrickx**  
 Head of Finance

Signatures