

## 1 EU declaration of conformity / UK declaration of conformity

This declaration attests the compliance of the instrument with the standard specifications for electrical instruments and accessories.

The responsibility for issuing this declaration of conformity lies solely with the manufacturer.

### 1.1 Product validity

This declaration is valid for the following products or product versions:

- **OMNIS Sample Robot S – WSM**
- **OMNIS Sample Robot M – WSM**
- **OMNIS Sample Robot L – WSM**

The OMNIS Sample Robot WSM is a modular system for automatic sample processing in analytical laboratories.

The OMNIS Main Module WSM is the heart of the OMNIS Sample Robot WSM. On the OMNIS Main Module WSM are to be found the main lift and the gripper arm of the sample robot that transports the sample vials.

### 1.2 Directives and regulations

#### 1.2.1 EU directives

The object of the declaration described above is in conformity with the relevant European Union harmonization legislation:



- **2014/35/EU – Low Voltage Directive, LVD**  
Directive 2014/35/EU of the European Parliament and of the Council of February 26, 2014 on the harmonization of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits; Official Journal of the EU L96, 29.03.2014, p. 357-374



### 1.3 Safety specifications

This instrument fulfills the following safety requirements:

*Design and type testing*

- **EN 61010-1: 2019**  
Safety requirements for electrical equipment for measurement, control, and laboratory use
- **EN 61010-2-081: 2020**  
Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes
- **EN 60529: 2013 – degree of protection IP20**  
Degrees of protection provided by housings (IP Code)
- **ISO 12100: 2010**  
General principles for design - Risk assessment and risk reduction
- **EN 61140: 2016 – protection class I**  
Protection against electric shock - Common requirements for installations and equipment

### 1.4 Electromagnetic compatibility (EMC)

*Design Engineering and type testing*

- **EN 61326-1: 2021**  
Electrical equipment for measurement, control and laboratory use - General EMC requirements

#### 1.4.1 Emission

*Standards fulfilled*

- EN 55011 / CISPR 11: 2020
- EN 61000-3-2: 2019
- EN 61000-3-3: 2019

#### 1.4.2 Immunity

*Standards fulfilled*

- EN 61000-4-2: 2009
- EN 61000-4-3: 2020
- EN 61000-4-4: 2012
- EN 61000-4-5: 2017
- EN 61000-4-6: 2014
- EN 61000-4-8: 2010
- EN 61000-4-11: 2020
- EN 61000-4-14: 2009
- EN 61000-4-28: 2009



## 1.5 Manufacturer

Metrohm AG, Ionenstrasse, CH-9100 Herisau/Switzerland

Metrohm AG holds the SQS certificate ISO 9001: 2015 for quality management systems with scope for the development, production, sale and service of instruments and accessories for titration, ion chromatography, spectroscopy and electrochemistry, including software solutions.

Herisau, December 4, 2025

Patrick Hunziker  
Vice President,  
Head of Development

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## 2 Authorizations and certificates

### 2.1 ETL authorization



This instrument complies with the requirements of the ETL Listed Mark for the North American market. It meets the UL 61010-1 and CSA-C22.2 No. 61010-1 standards for electrical safety. The product is listed in the directory of listed products at Intertek.

### 2.2 IEC certificate



This instrument has been tested in accordance with the IEC standards and certified to the IECEE CB Scheme. The tests also comprise the national differences for Europe, the USA and Canada. Therefore, the instrument is in compliance with the respective standards EN 61010-1, UL 61010-1 and CSA-C22.2 No. 61010-1.

