

EU/UK Declaration of Conformity – IRmadilloEx

Object of the declaration: IRmadillo™ FTIR Spectrometer, models: ASM0627-09-E, ASM0627-08-E, ASM0627-07-E Equipment Type: Mid Infrared Fourier Transform Spectrometer Manufacturer: Keit Ltd Address: Unit 4, Zephyr Building, 8 th Street, Harwell Campus, Didcot, Oxfordshire, OX11 0RL, United Kingdom.	
This declaration of conformity is issued under the sole responsibility of the manufacturer	
This declaration relates to the IRmadillo FTIR spectrometer and related variations as described in the certificate, coded:	Group II Category 1/2G Ex db IIB+H ₂ T4 Ga/Gb
The object of the declaration conforms to the following European Directives: 2014/34/EU ATEX Directive 2014/68/EU Pressure Equipment Directive 2014/35/EU Low Voltage Directive 2014/30/EU EMC Directive 2012/19/EU WEEE Directive 2011/65/EU ROHS Directive (except detector - exempt under Annex IV)	
The object of the declaration conforms to the following statutory requirements: SI 2016 No. 1107 (Explosive Atmospheres) SI 2024 No. 490 (Pressure Equipment) SI 2016 No. 1091 (Electromagnetic Compatibility) SI 2018 No. 1214 (WEEE) SI 2012 No. 3032 (RoHS) and Electrical Equipment (except detector - exempt under Schedule A2)	
ATEX approval: Notified Body Eurofins CML B.V (2776) performed EU-type examination in accordance with Annex III of the directive and issued the certificate CML22ATEX1522X Issue 1 Standards: EN 60079-0:2018, EN 60079-1:2014, EN 60079-26:2024, EN 60079-28:2015, EN 60079-31:2014 Harmonised standards: EN 60079-0:2018 Notified body SGS Fimko (0598) issued the Quality Assurance Notification document SGS ATEX 7369	
IECEX Approval: CML 22.0082X Issue 0 Standards: IEC 60079-0:2017 Ed 7.0, IEC 60079-1:2014 Ed 7.0, IEC 60079-26:2021 Ed 4.0	
UKEX approval: Approved Body E&E CML Limited (2503) performed EU-type examination in accordance with Annex III of the directive and issued the certificate CML 22UKEX1523X Issue 2 Designated Standards: EN IEC 60079-0:2018, EN 60079-1:2014, Standards: EN 60079-26:2024 Notified body SGS Baseefa (1180) issued Quality Assurance Notification document SGS UKEX 7369	
The object of the declaration conforms to the following product standards: EMC: EN 61326-1:2013, FCC CFR47: Part 15, subpart B: 2002 Unintentional Radiators. Safety: EN 61010-1:2010 IP rating: EN60529:1992+A2:2013	

FCC Class A emissions statement:

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Signed for and on behalf of
Keit Ltd:

Function: Lead Development
Engineer

Louis Sherratt

L Sherratt

Place of issue: Harwell

Date of issue: 19 September 2025