


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: <table style="width: 100%; margin-top: 10px;"> <tr> <td style="width: 50%;">2014/34/EU ATEX Directive</td> <td style="width: 50%;">2014/30/EU EMC Directive</td> </tr> <tr> <td>2014/68/EU Pressure Equipment Directive</td> <td>2012/19/EU WEEE Directive</td> </tr> <tr> <td>2014/35/EU Low Voltage Directive</td> <td>2011/65/EU ROHS Directive (except detector - exempt under Annex IV)</td> </tr> </table>			2014/34/EU ATEX Directive	2014/30/EU EMC Directive	2014/68/EU Pressure Equipment Directive	2012/19/EU WEEE Directive	2014/35/EU Low Voltage Directive	2011/65/EU ROHS Directive (except detector - exempt under Annex IV)
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2014/68/EU Pressure Equipment Directive	2012/19/EU WEEE Directive							
2014/35/EU Low Voltage Directive	2011/65/EU ROHS Directive (except detector - exempt under Annex IV)							
ATEX approval: Notified Body E&E CML Limited (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: Notified 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 Standards: EN IEC 60079-0:2018, EN 60079-1:2014, 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: <table style="width: 100%; margin-top: 10px;"> <tr> <td style="width: 33%;">EMC: EN 61326-1:2013,</td> <td style="width: 33%;">FCC CFR47: Part 15, subpart B: 2002 Unintentional Radiators.</td> <td style="width: 33%;"></td> </tr> <tr> <td>Safety: EN 61010-1:2010</td> <td>IP rating: EN60529:1992+A2:2013</td> <td></td> </tr> </table>			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	
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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	 L Sherratt	Place of issue: Harwell Date of issue: 14 July 2025						