


### Declaration of Conformity - IRmadilloEx

Object of the declaration: IRmadillo™ FTIR Spectrometer, models: ASM0627-08-E and ASM0627-07-E Equipment Type: Mid Infrared Fourier Transform Spectrometer Manufacturer: Keit Ltd Address: Unit 4, Zephyr Building, 8 <sup>th</sup> Street, Harwell Campus, Didcot, Oxfordshire, OX11 ORL, 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 2G Ex db IIB+H <sub>2</sub> 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)		
ATEX approval: Notified Body SGS Fimko (0598) performed EU-type examination in accordance with Annex III of the directive and issued the certificate Baseefa17ATEX0037X Standards: EN 60079-0:2012 + A11:2013, EN 60079-1:2014, EN 60079-26:2015, 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: BAS 17.0030X Standards: IEC 60079-0:2017 , IEC 60079-1:2014-6, EN 60079-26:2014-10		
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: CTO	 J Tidmarsh	Place of issue: Harwell  Date of issue: 22 July 2022