

Declaration of Conformity – IRmadillo (Non-Ex with External Controller)

Object of the declaration: IRmadillo™ FTIR Spectrometer, model: ASM0627-07-Z, ASM0627-08-Z and ASM0627-09-Z

Equipment Type: Mid Infrared Fourier Transform Spectrometer

Manufacturer: Keit Ltd

Address: Unit 4, Zephyr Building, 8th Street, Harwell Campus, Didcot, Oxfordshire, OX11 0RL, United Kingdom.

This declaration of conformity is issued under the sole responsibility of the manufacturer

The object of the declaration conforms to the following European Directives:

- 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 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