

Quality, Recycling, Compliance & Warranty Information

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Michell Instruments takes compliance seriously, and ensures that we comply to all relevant legislation and directives.

- ATEX Directive
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- FCC (EMC Requirements for North America)
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ATEX Directive



ATEX is the name commonly given to two EU Directives describing what equipment and work environment is allowed in an environment with an explosive atmosphere. Directive 2014/34/EU describes the equipment permitted for use in explosive atmospheres and identifies suitable safety standards that any equipment must comply with.

Some products within the Michell Instruments Ltd product range are ATEX certified. As part of compliance with the ATEX Directive it is the responsibility of the manufacturer to ensure the end user is provided with all the required information to install, operate and maintain the product safely.

If a product is ATEX certified, reference within the product's manual will provide the specifically required information to the end user in respect of the regulations, requirements and approvals of products that are intended for use in explosive atmospheres.

All Michell Instruments Ltd products that are ATEX certified have been independently verified as safe for use. Safety Certificates are made available on the Michell Instruments Ltd website or can be provided upon request.

May 2016

Calibration Facilities



Michell Instruments Ltd's calibration facilities for humidity, %rh (relative humidity) dew-point and temperature are among the most sophisticated in the world and have been recognized for their excellence.

Traceability to the National Physical Laboratory (NPL) UK is achieved through our UKAS Accreditation (Number 0179). This covers dew-point over the range -90°C to +90°C (-130°F to +194°F) and Relative Humidity 10% to 98% over the range +10°C to +90°C temperature.

Our UKAS accreditation certificate can be view on our website and our accreditation validity may be verified and inspected at any time via the most recent issue of the UKAS Schedule of Accreditation, which bears the same accreditation number as the certificate, and is available to view on the UKAS website: www.ukas.com.

Dew-point calibrations are also traceable to the National Institute for Standards & Technology (NIST) USA over the range -75°C to +20°C (-103°F to +68°F).

Michell Instruments Ltd's full capabilities for dew-point generation and verification extend from -100°C to +100°C.

NOTE: Standard traceable calibration certificates for instruments and sensors are not issued under our UKAS accreditation. UKAS certificates are usually to special order and are clearly identified.

May 2016

Conflict Minerals



“Conflict Minerals” are certain minerals whose mining origins are from the Democratic Republic of Congo or its adjoining countries and cohorts. The list includes columbite-tantalite (also known as coltan, from which tantalum is derived), cassiterite (tin), gold and wolframite (tungsten).

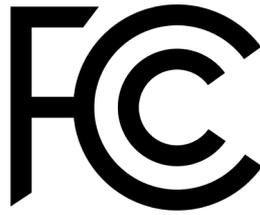
Michell Instruments Ltd takes its responsibilities of upholding the principals “Conflict Minerals” most seriously and, wherever foreseeable, does not knowingly manufacture products that contain conflict minerals sourced from mines in the Democratic Republic of the Congo or its cohorts or surrounds, and avoids using any unapproved mineral smelters.

As part of our policy, Michell Instruments Ltd continues to work with our suppliers to ensure that they also understand their responsibilities in undertaking suitable precautions through their own policies to eliminate the use of conflict minerals from their tier, and in turn, from the supplier tiers below them.

In the event that Michell Instruments Ltd ever has reason to believe or suspects that it may have been supplied items containing conflict minerals, Michell Instruments Ltd will immediately cease the use and procurement of those items and will notify its customers in writing.

May 2016

FCC (EMC Requirements for North America)



Many of Michell Instrument Ltd's devices comply with part 15 of the FCC Rules, and will include this information in the product manuals. Operation of these devices is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference, including interference that may cause undesired operation.

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 user 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 product must be operated as per the operating instructions provided. Do not make any alterations or modifications to the product. Any unauthorized alterations or modifications made to this product may require you to stop operating the product.

Canadian Radio Interference Regulations.

This Class A digital product complies with Canadian ICES-001. Règlement canadien sur les interférences radio. Ce produit numérique de classe A est conforme à la norme NMB-001.

May 2016

Manufacturing Quality



Michell Instruments Ltd is approved by the British Standards Institute (BSI) to operate the Quality Management System BS EN ISO 9001:2015. Our current ISO 9001:2015 certificate may be viewed on our website: www.michell.com

Michell Instruments Ltd is further approved for the manufacture of products intended for use in explosive atmospheres. In accordance with the EU ATEX Directive, Michell Instruments Ltd holds a QAN (Quality Assurance Notification), and for the IECEx Scheme, QAR (Quality Assurance Report).

Michell Instruments Ltd is a supplier to the nuclear industry and conforms to the requirement of NQSA (Nuclear Quality Standards Association) NSQ100.

At every stage of production Michell Instruments Ltd ensures that through rigorous process controls the materials of construction, workmanship standards, manufacturing techniques, traceability, calibration, test and final inspection procedures meet all the requirements laid down by our quality system approvals.

April 2020

Pressure Equipment Directive (PED) 2014/68/EU

PED

2014/68/EU

On 19th July 2016 the new Pressure Equipment Directive (PED) 2014/68/EU came in to force, superseding the previous Pressure Equipment Directive 97/23/EC.

The P.E. Directive requires that all pressurised equipment and assemblies as described under the scope of the Directive must be safe when placed on the market or put into service.

Michell Instruments Ltd assess their products and, as referenced against the conformity assessment tables detailed in Annex II of the PED, confirm that each product conforms with the specific requirements stipulated there.

In accordance with the Scope of the PED certain products are exempt where safety compliance is already covered by compliance with other EU Directives.

All Michell Instruments Ltd's products that do require compliance with the PED are in accordance with Article 4, paragraph 3 of 2014/68/EU and designed, manufactured & tested to assure safeoperation using SEP (Sound Engineering Practice).

November 2016

REACH Compliance



Regulation (EC) No. 1907/2006

Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Michell Instruments Ltd is a manufacturer of moisture measurement and gas analysis instrumentation and is a "downstream" user of chemicals, as described by the EU Council Directive 76/769/EEC. The products we supply are not raw chemical products (goods).

Under normal and reasonably foreseeable circumstances of application, the goods supplied to you shall not contain or release any prohibited chemicals. No listed SVHC (Substances of Very High Concern) appear within products manufactured by Michell Instruments Ltd. Therefore the 0.1% mass per product, or total usage of 1 tonne/year, will never be exceeded. For these reasons we are not required to register our products or to create material safety data sheets (MSDS).

Our continued review of the SVHC Candidate List and latest additions is to ensure we remain compliant.

Michell Instruments Ltd maintains a hazardous material register in which MSDS data sheets are collated, and we will check that our suppliers will comply to REACH requirements for all materials and substances we use in the processes of our manufacturing.

In the unlikely event that any chemicals of concern appear in our products in quantities greater than 0.1% of total mass per product we will immediately inform customers by correspondence according to the REACH Article 33 requirements.

Our current appraisal is that we do not expect or foresee such an incidence.

May 2016

Recycling Policy



Michell Instruments Ltd is concerned with the protection of the environment. It is our commitment to reduce and eliminate from our operations, wherever possible, the use of substances which may be harmful to the environment. Similarly, we are increasingly using recyclable and/or recycled material in our business and products wherever it is practical to do so. Michell Instruments Ltd complies with the requirements of the RoHS3 & WEEE Directives (see relevant sections).

To protect natural resources and promote material reuse, please separate batteries from other types of waste and recycle responsibly. If batteries are not properly disposed of, these substances can cause harm to human health and the environment.

The product that you have purchased may contain recyclable and/or recycled parts and we will be happy to provide you with information on these components if required.

May 2016

RoHS3 Compliance



EU DIRECTIVE 2011/65/EU and 2015/863/EU Restriction of Hazardous Substances Directive (RoHS3)

The Restriction of Hazardous Substances (RoHS) Directive places rules upon European manufacturers of electrical and electronic equipment. The Directives' aim is to reduce the impact that electronic devices have on the environment.

The RoHS2 EU Directive 2011/65/EU (Article 3, [24]) defines "Control and Monitoring Equipment" specifically as "*industrial monitoring and control instruments means monitoring and control instruments designed exclusively for industrial or professional use*".

RoHS3 EU Directive 2015/863/EU, Annex II, states

The restriction of DEHP, BBP, DBP and DIBP shall apply to ... monitoring and control instruments, including industrial monitoring and control instruments, from 22 July 2021.

The careful design and manufacturing policy of Michell Instruments Ltd's products already ensures that the substances specified within the (RoHS2 and RoHS3) EU Directive do not appear within its products, or, where they may do so, are below the permitted limits.

Michell Instruments Ltd confirms that its products are in full compliance with the terms of the RoHS2 EU Directive 2011/65/EU and RoHS3 EU Directive 2015/863/EU.

Michell Instruments Ltd continues to monitor suppliers and material sources to ensure that compliance is maintained through supplier certifications and the information here is provided to the best of our knowledge.

August 2019

Warranty & Returns

Unless otherwise agreed, we the Supplier warrants that, as from the date of delivery for a period of 12 months, the goods and all their component parts, where applicable, are free from any defects in design, workmanship, construction or materials.

We the Supplier warrants that the services undertaken shall be performed using reasonable skill and care, and be of a quality conforming to generally accepted industry standards and practices.

Except as expressly stated, all warranties whether express or implied, by operation of law or otherwise, are hereby excluded in relation to the goods and services to be provided by the Supplier.

All warranty services are provided on a return to base basis. Any transportation costs for the return of a warranty claim shall reside with the Customer.

Should a Michell Instruments Ltd product malfunction within the warranty period, the following procedure must be completed:

1. Notify a Michell Instruments Ltd distributor, giving full details of the problem, the model variant and the serial number of the product.
2. If the nature of the problem indicates the need for factory service then the instrument should be returned to Michell Instruments Ltd, carriage prepaid, preferably in the original packaging, with a full description of the fault and the customer contact information.
3. Upon receipt, Michell Instruments Ltd will evaluate the product to determine the cause of the malfunction. Then, one of the following courses of action will be taken:
 - If the fault is covered under the terms of the warranty, the instrument will be repaired at no cost to the owner and returned.
 - If Michell Instruments Ltd determines that the fault is not covered under the terms of the warranty, or if the warranty has expired, an estimate for the cost of the repairs, at standard rates, will be provided. Upon receipt of the owner's approval to proceed, the product will be repaired and returned.

WEEE2 Compliance



DIRECTIVE 2012/19/EU 4 July 2012 on Waste Electrical and Electronic Equipment (WEEE2)

The Waste Electrical and Electronic Equipment Directive (WEEE2) places rules upon manufacturers of electrical and electronic equipment intended for sale in the EU. The Directive's aim is to reduce the impact that electronic devices have on the environment and reduce or eliminate any going to landfill.

Michell Instruments Ltd is in full compliance with the WEEE2 Directive and is registered with an approved recycler (Registration No. WEE/JB0235YW) and treats the requirement of the Directive and the protection of the environment with the utmost importance. All Michell Instruments Ltd products are marked with the Wheelie Bin logo indicating their requirement for appropriate recycling.

Customers may be required to return certain instruments for treatment at the end of their working life.

May 2016