

# EU Declaration of Conformity.



Manufacturer: Michell Instruments Limited  
Address: 48 Lancaster Way Business Park  
Ely, Cambridgeshire  
CB6 3NW. UK.



Equipment Type: **MDM300I.S. Advanced Dewpoint Hygrometer**

## 2014/34/EU ATEX Directive

Provisions of the Directive fulfilled by the Equipment: **Group II Category 1G Ex ia IIC T4 Ga (-20°C to +50°C)**

Notified Body for Production (QAN & QAR): **SGS Fimko OY, Helsinki, Finland. Notified Body No. 0598**

EC-Type Examination Certificate: **Baseefa 09ATEX0149**

Standards used:

**EN 60079-0:2018**  
**EN60079-11:2012**

## IECEX Certification:

Certificate of Conformity No.

**IECEX BAS 09.0063**

Marking.

**Ex ia IIC T4 Ga (-20°C to +50°C)**

Standards used:

**IEC60079-0:2011-07 IEC60079-11:2011-06**

**Other Directives** Is in conformity with the following Standard(s) or Normative Document(s):

### 2014/30/EU EMC Directive

EN61326-1:2006 *Electrical equipment for measurement, control and laboratory use - EMC requirements. Class B (emissions) and Industrial Locations (immunity).*

### 2011/65/EU-2015/863/EU Restriction of Hazardous Substances Directive (RoHS3)

### 2014/68/EU PE Directive

This product and sample systems & accessories that may be supplied with it does not bear CE marking for the Pressure Equipment Directive, and are supplied in accordance with Article 4, paragraph 3 of 2014/68/EU by using SEP (sound engineering practice) in the design and manufacturer and are provided with adequate instructions for use.

**2014/53/EU (RED) Radio Equipment Directive (effective from 13 June 2016).**

Article 3.1a As part of EN61010-1:2010 & EN 62368-1: 2014. RF Exposure EN 62311:2008 & EN 62479:2008

Article 3.1b EN 301 489-1 v2.2.0 (2017-03) EN 301 489-17 v3.2.0 (2017-03) Electromagnetic Compatibility and radio spectrum Matters (ERM); Electro Magnetic Compatibility(EMC) standard for radio equipment and services; Part 17: Specific conditions for wideband data HiperLAN equipment

Article 3.2 EN 300 328 v2.2.2 (2019-07), Radio Equipment and Systems (RES); Wideband transmission systems; Technical characteristics and test conditions for data transmission equipment operating in the 2,4 GHz ISM band and using spread spectrum modulation techniques. Part 2: Harmonized EN covering essential requirements under article 3 (2) of the RED directive

EN60529 Degrees of Protection Provided by Enclosures. Ingress Rating equivalent to IP66

On behalf of the above named company, we the manufacturer declare under our sole responsibility that, on the date the equipment accompanied by this declaration is placed on the market, the equipment conforms with all technical and regulatory requirements of the above listed directives.

Andrew M.V. Stokes, Technical Director.

May 2022

Ely, UK

# UK Declaration of Conformity.



Manufacturer: Michell Instruments Limited  
Address: 48 Lancaster Way Business Park  
Ely, Cambridgeshire  
CB6 3NW. UK.



Equipment Type: **MDM300I.S. Advanced Dewpoint Hygrometer**

## The Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016. UK Statutory Requirements (S.I. 2016 No. 1107[as amended])

Provisions of the Directive fulfilled by the Equipment:

**Group II Category 1G**  
**Ex ia IIC T4 Ga (-20°C to +50°C)**

Approved Body for UKCA Type Examination:  
**SGS Baseefa Buxton UK SK17 9RZ. Approved Body No. 1180**

Approved Body for Production (UKCA QAN):  
**SGS Baseefa Buxton UK SK17 9RZ. Approved Body No. 1180**

UKCA Type Examination Certificate:  
**BAS21UKEX0015**

Designated Standards used:  
**BS/EN 60079-0:2018**  
**BS/EN60079-11:2012**

**Other Regulations and Standards.** Is in conformity with the following Standard(s) or Normative Document(s):

**The Electromagnetic Compatibility Regulations 2016. UK Statutory Instrument (S.I. 2016 No.1091).**  
EN61326-1:2006 *Electrical equipment for measurement, control and laboratory use - EMC requirements. Class B (emissions) and Industrial Locations (immunity).*

**The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012. UK Statutory Instrument (S.I. 2012 No.3032).**

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 Pressure Equipment (Safety) Regulations 2016. UK Statutory Instrument (S.I. 2016 No.1105).**

This product and sample systems & accessories that may be supplied with it does not bear UKCA marking for the Pressure Equipment (Safety) regulation, and are supplied in accordance with Article 4, paragraph 3 of 2014/68/EU by using SEP (sound engineering practice) in the design and manufacturer and are provided with adequate instructions for use.

**The Radio Equipment Regulations 2017. UK Statutory Instrument (S.I. 2017 1206)**

Article 3.1a	As part of EN61010-1:2010 & EN 62368-1: 2014. RF Exposure EN 62311:2008 & EN 62479:2008
Article 3.1b	EN 301 489-1 v2.2.0 (2017-03) EN 301 489-17 v3.2.0 (2017-03) Electromagnetic Compatibility and radio spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for wideband data HiperLAN equipment
Article 3.2	EN 300 328 v2.2.2 (2019-07), Radio Equipment and Systems (RES); Wideband transmission systems; Technical characteristics and test conditions for data transmission equipment operating in the 2,4 GHz ISM band and using spread spectrum modulation techniques. Part 2: Harmonized EN covering essential requirements under article 3 (2) of the RED directive
BS/EN60529	Degrees of Protection Provided by Enclosures. Ingress Rating equivalent to IP66

On behalf of the above named company, we the manufacturer declare under our sole responsibility that, on the date the equipment accompanied by this declaration is placed on the market, the equipment conforms with all technical and regulatory requirements of the above listed directives.

Andrew M.V. Stokes, Technical Director  
July 2021  
Ely, UK

UKCA MDM300I.S. Issue 01