

EU Declaration of Conformity



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



Equipment Type: **OptiPeak TDL600 Gas Analyser:**

Directive 2014/34/EU ATEX Directive

Provisions of the Directive fulfilled by the Equipment:

Group II Category 2G Ex db ib op is IIC T5 Gb
Tamb -20°C to +60°C IP66

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

EU-Type Examination Certificate:

TRAC11ATEX21319X

ELEMENT Materials Technology. Zekeringstraat 33, 1014 BV Amsterdam, Netherlands. Notified Body 2812.

Standards used:

EN IEC 60079-0:2018
EN 60079-1:2014
EN 60079-11:2012
EN 60079-28:2015

IECEX

Certificate of Conformity No.

IECEX TRC 12.0015X

Ex db ib op is IIC T5 Gb
Tamb -20°C to +60°C IP66

Standards used:

IEC 60079-0:2017
IEC 60079-1:2014
IEC 60079-11:2011
IEC 60079-28:2015

Other Directives

2014/30/EU EMC Directive

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

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

2011/65/EU-2015/863/EU Restriction of Hazardous Substances Directive (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.

EN61010-1:2010 Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements.

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.

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.
September 2020
Ely, UK

EUD TDL600 Issue 10

UK Declaration of Conformity



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



Equipment Type: OptiPeak TDL600 Process Moisture Analyzer

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

Provisions of the Directive fulfilled by the Equipment:

Group II Category 2G

Ex db ib op is IIC T5 Gb
Tamb -20°C to +60°C

Approved Body for UKCA-Type Examination

Element Materials Technology Ltd. Skelmersdale. UK WN8 9PN. Approved Body No. 0891

Approved Body for Production (UKCA QAN):

SGS Baseefa. Buxton, UK SK17 9RZ. Approved Body No. 1180

UKCA-Type Examination Certificate:

EMA21UKEX0003X

Designated Standards used:

BS/EN 60079-0:2018
BS/EN 60079-1:2014
BS/EN 60079-11:2012
BS/EN 60079-28:2015

Other Regulations and Standards

The Electromagnetic Compatibility Regulations 2016. UK Statutory Instrument (S.I. 2016 No.1091).

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

EN61326-1:2013 *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).

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 Electrical Equipment safety Regulation 2016. UK Statutory Instrument (S.I. 2016 1101) .BS/EN 61010-

1:2010/A1:2019 Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements

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.

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