



## Object of the Declarations

### Dragonfly 200 Series Confocal Microscopy Spinning Disk Unit

These declarations of conformity are issued under the sole responsibility of Andor Technology Ltd. who manufacture this at the above address.

## UKCA and UK(NI) Marks

As this is a Qualifying Northern Ireland Good that is self-declared, this product does not require a UKCA Mark, UK(NI) Mark or UK Declarations of Conformity.

## EU Declaration of Conformity (EMC)

The object of the declaration described above is in conformity with the **EMC Directive 2014/30/EU** by means of conformity to the following harmonised standards:

- EN 61326-1:2013 Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 1: General requirements [Class A Group 1 Basic Immunity]
- EN 55011:2016 + A1:2020 Industrial, scientific and medical (ISM) radio-frequency equipment – Electromagnetic disturbance characteristics – Limits and methods of measurement [Class A Group 1]
- EN 61000-4-2:2009 Electromagnetic compatibility (EMC) – Testing and measurement techniques – Electrostatic discharge immunity test [Criterion A]
- EN 61000-4-3:2020 Electromagnetic compatibility (EMC) – Testing and measurement techniques – Radiated, radio-frequency, electromagnetic field immunity test [Criterion A]
- EN 61000-4-4:2012 Electromagnetic compatibility (EMC) – Testing and measurement techniques – Electrical fast transient/burst immunity test [Criterion A]
- EN 61000-4-5:2014+A1:2017 Electromagnetic compatibility (EMC) – Testing and measurement techniques – Surge immunity test [Criterion A]
- EN 61000-4-6:2014 Electromagnetic compatibility (EMC) – Testing and measurement techniques – Immunity to conducted disturbances, induced by radio-frequency fields [Criterion A]
- EN 61000-4-11:2020 Electromagnetic compatibility (EMC) – Testing and measurement techniques – Voltage dips, short interruptions and voltage variations immunity tests [Voltage Dips: Criterion B/C] [5-second Short Interruption: Criterion C]

## EU Declaration of Conformity (LVD)

The object of the declaration described above is in conformity with the **Low Voltage Directive 2014/35/EU** by means of conformity to the following harmonised standards:

- EN 61010-1:2010 Safety requirements for electrical equipment for measurement, control and laboratory use – Part 1: General requirements (*identical to IEC 61010-1 3<sup>rd</sup> Edition*)
- EN 60825-1:2014 Safety of laser products – Part 1: Equipment classification and requirements

## EU Declaration of Conformity (Machinery Directive)

The object of the declaration described above is in conformity with the **Machinery Directive 2006/42/EC** as well as by means of conformity to the following harmonised standard:

- EN 61010-1:2010 Safety requirements for electrical equipment for measurement, control and laboratory use – Part 1: General requirements (*identical to IEC 61010-1 3<sup>rd</sup> Edition*)

The Product Compliance Advisor, Timothy Davis, at the address above is authorised to compile the technical file.

## EU/UK REACH Statement

In relation to **REACH Regulation (EC) No. 1907/2006**, this product contains SVHCs in a concentration above 0.1 % weight by weight (w/w) in an 'article'. Please see [Andor's REACH Statement](#) for details.

We continue to work with our suppliers on an on-going basis to monitor our supply chain for the relevant levels of SVHCs in any of our articles.

## EU Declaration of Conformity (RED)

The object of the declaration described above is in conformity with the **Radio Equipment Directive (RED) 2014/53/EU** by means of conformity to the following harmonised standard:

- EN 300 330-2 V2.1.1 Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

## EU Declaration of Conformity (RoHS)

The object of the declaration described above is in conformity with **Directive 2011/65/EU** on the Restriction of the use of certain Hazardous Substances in electrical and electronic equipment as **amended by Directive (EU) 2015/863**.

## Additional EMC Standards

This product also complies with the following:

- FCC Part 15 Subparts A and B Code of Federal Regulations  
Title 47: Telecommunications – Part 15: Radiofrequency Devices technical requirements [Class A up to 1 GHz – Not tested beyond this]
  - No FCC Mark as exempted under 47 CFR §15.103(c) "*A digital device used exclusively as industrial, commercial, or medical test equipment.*"

## **Additional Safety Standards**

This product also complies with the following:

- UL 61010-1 Safety requirements for electrical equipment for measurement, control and laboratory use – Part 1: General requirements (3<sup>rd</sup> Edition 2012)
- CAN/ CSA-C22.2 No. 61010-1-12 Safety requirements for electrical equipment for measurement, control and laboratory use – Part 1: General requirements (3<sup>rd</sup> Edition)
- Code of Federal Regulations Title 21: Food and Drugs – Part 1040: Performance Standards for Light-Emitting Products §1040.10 Laser products and 1040.11 Specific-purpose Laser Products (FDA CDRH)

## **CE Mark**

CE Mark first applied to this product in the year 2017.



Claire Greenwood

Director of Engineering

1<sup>st</sup> June 2022

Belfast U.K.