

**CASELLA**

EU Declaration of Conformity

Casella

Regent House, Wolseley Road, Kempston, Bedford, MK42 7JY, UK

Instrument Type:- Vortex3 – High Flow Air Sampling Pump
Including Standard and Pro Variants

EMC Immunity and Emission Standards Applied:-

The above instrumentation has been designed and tested to comply with the EMC directive **2014/30/EU** and the following EMC / ESD standards:-

| | |
|-------------------------------------|--|
| BS EN IEC 61000-6-1:2019 | Electromagnetic compatibility (EMC) Part 6-1: Generic standards – Immunity for residential, commercial and light-industrial environments. |
| BS EN IEC 61000-6-2:2019 | Electromagnetic compatibility (EMC) Part 6-2: Generic standards – Immunity for industrial environments. |
| BS EN 61000-6-3:2007+A1:2011 | Electromagnetic compatibility (EMC) Part 6-3: Generic standards – Emission standard for residential, commercial and light-industrial environments. |
| BS EN 61000-6-4:2007+A1:2011 | Electromagnetic compatibility (EMC) Part 6-4: Generic standards – Emission standard for industrial environments. |

Safety - Low Voltage Directive 2014/35/EU

The instrument(s) listed contain no hazardous voltages and external power supplies are classified as SELV (Safety Extra Low Voltage) devices.

Restriction of Hazardous Substances Directive (EU) 2017/2102, 2011/65/EU (RoHS 2) and amendment (EU) 2015/863 (RoHS 3)

Casella declares that the design, materials and manufacturing processes used in the product listed above are compliant to the EU RoHS directives.

Radio Equipment Directive (2014/53/EU)

Versions of these products contain a qualified Bluetooth 4.0 radio transmission module (Silicon Labs BLE113)

This module has been certified by Silicon Laboratories Finland Oy, *A separate declaration is available from Silicon Labs identifying compliance:-*

EN 301 489-1 v2.1.1, EN 301 489-17 v3.1.1, EMC for broadband data transmission systems (Article 3.1(b))

EN 300 328 v2.1.1 SPECTRUM for wideband transmission systems in 2.4 GHz ISM band (Article 3.2)

Bluetooth QDID 46266

Product Specific Standards:-

BS EN ISO 13137:2013 Workplace Atmospheres -- Pumps for personal sampling of chemical and biological agents – Requirements and test methods.

This is to certify that the above product(s) have been designed, tested and built to comply with the requirements of identified product specific standards, and also general protection requirements of the EMC Directive.

Andrew Mitham, Engineering Manager
AP88-01

Date of Issue
19/5/2021

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