



EU Declaration of Conformity

Casella

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

Instrument Type:- CEL-71x Microdust Pro - Real Time Dust Monitors

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 61000-6-3:2017+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.

Class 1 Laser Safety

The Microdust Pro instrument is an enclosed Laser based system and complies to the requirements of:

BS EN 60825-1:2014 + A11:2021 - Safety of laser products – Part 1: Equipment classification and requirements

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
AP48-05

Date of Issue
14/07/2021



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