



EC Declaration of Conformity

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

Instrument Type:- **Apex2 – Personal Air Sampling Pump**
Including Standard, Plus and Pro variants.

EMC Immunity and Emission Standards Applied:-

The above instrumentation has been designed and tested to comply with the EMC directive 2004/108/EC and the following EMC / ESD standards:-

IEC 61000-6-1 Edition 2.0 2005-03	Electromagnetic compatibility (EMC) Part 6-1: Generic standards – Immunity for residential, commercial and light-industrial environments.
IEC 61000-6-2:2005	Electromagnetic compatibility (EMC) Part 6-2: Generic standards – Immunity for industrial environments.
IEC 61000-6-3:2006 inc. amendment 1:2010	Electromagnetic compatibility (EMC) Part 6-3: Generic standards – Emission standard for residential, commercial and light-industrial environments.
IEC 61000-6-4:2006 inc. amendment 1:2011	Electromagnetic compatibility (EMC) Part 6-3: Generic standards – Emission standard for industrial environments.

Safety - Low Voltage Directive 2006/95/EC

Instrument contains no hazardous voltages. Power supplies conform to the requirements of the following safety standards:-

Safety of IT equipment EN60950-1:2006

Restriction of Hazardous Substances Directive 2011/65/EU (RoHS 2)

Instrument complies to the restricted use of specific hazardous substances

R&TTE Directive (1995/5/EC)

Versions of these products contain a qualified Bluetooth 4.0 radio transmission module (Bluegiga BLE113)
This module has been certified by Bluegiga Technologies Oy, *A separate declaration is available from Bluegiga identifying compliance:-*

EN 301 489-1, EN301 489-17, EMC and Radio Spectrum matters

EN 300 328 v1.7.1 Equivalent Isotropic radiated power, Maximum spectrum power

EN300 328 v1.8.1 Occupied Channel bandwidth, unwanted spurious emissions out-of-band, Transmitter unwanted spurious emissions in the spurious domain, Receiver spurious emissions.

Bluetooth QDID 46266

Product Specific Standards:-

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.

Stephen Tearle, Engineering Manager

Date of Issue

24/07/2015