

DECLARATION OF CONFORMITY EU / UKCA

Nr. 043442

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Manufacturer name: Seitron Americas, Inc.
Manufacturer address: 140 Terry Drive, Suite 101
Newtown (PA) 18940 - USA

Declares under its sole responsibility that following product:

product name: **S500**
Combustion analyzer

product versions: **All**
Sales model: S500- -

is in conformity with the relevant Union harmonisation legislation:

EMC 2014/30/UE - S.I. 2016 No. 1091 (The electromagnetic Compatibility Regulations 2016)
LVD 2014/35/UE* - S.I. 2016 No. 1101* (Electrical Equipment (Safety) Regulations 2016)
RED 2014/53/UE¹ - S.I. 2017 No. 1206¹ (Radio Equipment Regulations 2017)
RoHS 2011/65/UE & Directive 2015/863/UE - S.I. 2012 No. 3032****

The following harmonized standards and technical specifications have been applied:

EN 50270 (2015) - BS EN 50270 (2015)
EN 50270 (2015) / AC (2016) - BS EN 50270 (2015) / AC (2016)
EN 60335-1 (2012) - BS EN 60335-1 (2012)
EN 60335-1 (2012) / AC (2014)
EN 60335-1 (2012) / A11 (2014) - BS EN 60335-1 (2012) / A11 (2014)
EN 60335-1 (2012) / A13 (2017) - BS EN 60335-1 (2012) / A13 (2017)
EN 60335-1 (2012) / A1 (2019) - BS EN 60335-1 (2012) / A1 (2019)
EN 60335-1 (2012) / A14 (2019) - BS EN 60335-1 (2012) / A14 (2019)
EN 60335-1 (2012) / A2 (2019) - BS EN 60335-1 (2012) / A2 (2019)
EN 60335-1 (2012) / A15 (2021) - BS EN 60335-1 (2012) / A15 (2021)
ETSI EN 300 328 V2.2.2¹ - BS EN 300 328 V2.2.2
ETSI EN 301 489-1 V2.2.3¹
ETSI EN 301 489-17 V3.2.4¹
EN 62368-1 (2014)¹ - BS EN 62368-1 (2014)
EN 62368-1 (2014) + A11 (2017)¹
EN 62311 (2020)¹ - BS EN 62311 (2020)
EN IEC 63000 (2018) - BS EN IEC 63000 (2018)

Product: EN 50379-1 (2012) - General requirements and test methods.
EN 50379-2² (2012) - Performances requirements for apparatus used in statutory inspections and assessment.
EN 50379-3³ (2012) - Performances requirements for apparatus used in non-statutory servicing of gas fired heating appliances

Further notes:

* Only applicable to mains plug adapter.

** Seitron S.p.A. a socio unico declares that, all products supplied are defined as compliant because they meet the requirements of the RoHS Directive as they fall under the exemption of Annex III 6 c), 7 a) and 7 c)-I.
The RoHS restricted chemical substances and respective MCV refers to what is listed in Appendix I.

1. Valid for configurations with Bluetooth® connectivity.
2. Valid for configurations equipped with one or more of the following sensors:
O2: All codes
CO: Code AAC SE58
NO (optional): Code AAC SE603.
3. Valid for configurations equipped with one or more of the following sensors:
O2: All codes
CO: Code AAC SE54
NO (optional): Code AAC SE60

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APPENDIX I

Restricted use substances and values of maximum tolerated concentrations by weight in homogeneous materials*:

Chemical Substance	Maximum Concentration Values (MCVs)
Lead	0,1% by weight on the homogeneous material*
Mercury	0,1% by weight on the homogeneous material*
Cadmium	0,01% by weight on the homogeneous material*
Hexavalent chromium	0,1% by weight on the homogeneous material*
Polybrominated biphenyls	0,1% by weight on the homogeneous material*
Polybrominated diphenyl ethers (PBDE)	0,1% by weight on the homogeneous material*
Bis(2-ethylhexyl) phthalate (DEHP)	0,1% by weight on the homogeneous material*
Butyl benzyl phthalate (BBP)	0,1% by weight on the homogeneous material*
Dibutyl phthalate (DBP)	0,1% by weight on the homogeneous material*
Diisobutyl phthalate (DIBP)	0,1% by weight on the homogeneous material*

*Homogeneous material means a material of uniform composition or a material consisting of the combination of several materials that cannot be divided or separated into different materials by mechanical actions such as unscrewing, cutting, crushing, grinding, and abrasive processes.

Newtown, 24/04/24

Ing. Vito Feleppa
President Seitron Americas, Inc.