TÜVRheinland®
Precisely Right.

CONFIRMATION

of Product Conformity (QAL1)

Approved AMS:	OneFID for TOC
Manufacturer:	Pollution S.r.l. Via Guizzardi 52 40054 Budrio, Bologna Italien
Test Institute:	TÜV Rheinland Energy & Environment GmbH

This is to certify that the AMS has been tested according to the standards

EN 15267-1 (2009), EN 15267-2 (2023), EN 15267-4 (2023), DIN EN 12619 (2013), and EN 14181 (2014).

The approval of the measuring equipment subject to the above mentioned conditions was authorized by the German relevant body.
This confirmation is valid up to the publication of the certificate, but no longer than 6 months from the date of issue (this document contains 4 pages).

The confirmation is valid until: 31th October 2025

TÜV Rheinland Energy GmbH
Cologne, 30th April 2025

i. V. Dipl.-Ing. G. Baum

i. A. Dipl.-Ing. C. Röllig

www.umwelt-tuv.eu tre@umwelt-tuv.eu Tel. +49 221 806-5200	TÜV Rheinland Energy GmbH Am Grauen Stein 51105 Köln

Test institute accredited to EN ISO/IEC 17025 by DAkkS (German Accreditation Body).
This accreditation is limited to the accreditation scope defined in the enclosure to the certificate D-PL-11120-02-00.

Confirmation:
30th April 2025

TÜVRheinland®
Precisely Right.

Test report:	EuL/21263963/A of 18th September 2024
Expiry date:	31th October 2025

Tested application
The tested AMS is suitable for use at combustion plants according to Directive 2010/75/EU, chapter III (13th BImSchV), at waste incineration plants according to Directive 2010/75/EU, chapter IV (17th BImSchV), 27th BImSchV, 30th BImSchV, 44th BImSchV and TA Luft (2021). The measured ranges have been selected so as to ensure as broad a field of application as possible.

The suitability of the AMS for this application was assessed on the basis of a laboratory test and five field test campaigns at different industrial plants. The plants in question were two waste incineration plants, one production plant and two thermal post-combustion plants.
The AMS is approved for the ambient temperature range from +5 °C to +40 °C.

The notification of suitability of the AMS, performance testing, and the uncertainty calculation have been effected on the basis of the regulations valid at the time of performance testing. As changes in legal regulations are possible, any potential user should ensure that this AMS is suitable for monitoring the limit value relevant to the application.

Any potential user should ensure, in consultation with the manufacturer, that this AMS is suitable for the installation at which it will be installed.

Basis of the confirmation
This certification is based on:

- Test report EuL/21263963/A of 18th September 2024 of TÜV Rheinland Energy GmbH
- The ongoing surveillance of the product and the manufacturing process
- Expert testing and approved by an independent body

Confirmation:
30th April 2025

TÜVRheinland®
Precisely Right.

AMS designation:
OneFID for TOC

Manufacturer:
Pollution S.r.l., Bologna, Italy

Field of application:
Portable measuring system for recurring measurements of emissions from stationary sources using the standard reference measuring method for the calibration and validation of stationary AMS within the scope of QAL2 and AST in accordance with DIN EN 14181 at installations subject to authorisation under the 2nd BImSchV, the 13th BImSchV, the 17th BImSchV, the 27th BImSchV, the 30th BImSchV and the 44th BImSchV.

Measuring ranges during the performance test:

Component	Certification range	Supplementary measurement ranges		Unit
TOV	0 – 15	0 – 500	0 – 2000	mgC/m³

Software version:
GUI: 1.0.0
Software: 5.8.0
Mainboard FW: 00.18.0

Restriction:
none

Notes:
1. Zero gas can be provided by connecting synthetic air or via the internal zero gas conditioning system.
2. The measuring system must be operated with mains voltage.

Test report:
TÜV Rheinland Energy & Environment GmbH, Cologne
Report No.: EuL/21263963/A of 18th September 2024

TÜVRheinland®
Precisely Right.

Tested product

This confirmation applies to automated measurement systems conforming to the following description:

The flame ionisation detector uses a hydrogen flame to ionise organic compounds containing carbon. The sample gas passes through a flame that is fed with hydrogen and zero air and ionises the carbon atoms. Therefore, the number of ions produced is proportional to the number of carbon atoms. To determine the number of ions, two electrodes are placed along the flame path to create a constant electrostatic field that displaces the ions produced and generates an ionisation current proportional to the instantaneous carbon flux. The current is measured by a sensitive ammeter and then shown on a display. The current measurement thus provides a measure of the existing carbon flow.

The OneFID measuring system is a portable analyser for determining total carbon. The measuring system tested here consists of
A compact device housing with:
- FID detector
- Continuous and controlled sample injection system
- Heated filter in the sample gas inlet
- Sample suction pump
- Zero air generation system with activated carbon filter
- LCD touch screen display
- Data memory with USB download option
- Power supply