

CERTIFICATE

of Product Conformity (QAL1)

Certificate No.: 0000089097_00

Certified AMS: AITHER PMS for PM_{2,5} or PM₁₀

Manufacturer: MEGA SYSTEM s.r.l.
Via Don Fracassi 41/43,
20008 Bareggio (MI)
Italy

Test Institute: TÜV Rheinland Energy & Environment GmbH

**This is to certify that the AMS has been tested
and found to comply with the standards
EN 12341 (2023) as well as
EN 15267-1 (2023) and EN 15267-2 (2023).**

This certification applies to the conditions set out in this certificate and the accompanying change history document for the device certificate (0000089097) (this certificate contains 5 pages).

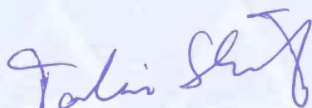


Suitability Tested
Complying with
2008/50/EC
EN 15267
Regular
Surveillance

www.tuv.com
ID 0000089097

This certificate will expire on:
23rd April 2031

TÜV Rheinland Energy & Environment GmbH
Cologne, 24th April 2026



Dr. Tobias Schäfer
Local Field Manager



M. Sc. Sebastian Decker
deputy Head of QAL1 Certification Body

QAL1-Certification Body
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TÜV Rheinland Energy & Environment GmbH
Am Grauen Stein
51105 Cologne

Test institute accredited to EN ISO/IEC 17065 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.

Certificate:
0000089097_00 / 24.04.2026

Test report: EuL/21269536/A dated 29 January 2025
Initial certification: 24th April 2026
Expiry date: 23rd April 2031
Publication: 24th April 2026, official database www.qal1.de

Approved application:

The tested AMS is suitable for continuous ambient air monitoring of PM₁₀ and PM_{2,5} for stationary operation.

The suitability of the AMS for these applications was assessed on the basis of a laboratory test and a field test conducted at a site over a period of at least three weeks.

The AMS is approved for an ambient temperature range of -20 °C to +50 °C.

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

Any potential user should ensure, in consultation with the manufacturer, that this AMS is suitable for the intended use.

Basis of the certification

This certification is based on:

- Test report EuL/21262089/A dated 20th February 2026 of TÜV Rheinland Energy & Environment GmbH
- Audit report EuL/21261006/A dated 23rd November 2023 of TÜV Rheinland Energy & Environment GmbH
- Certification decision by the DIN EN ISO/IEC 17065 accredited QAL1-Certification body TÜV Rheinland Energy & Environment GmbH
- Surveillance of the product and the manufacturing process

Certificate:
0000089097_00 / 24.04.2026

AMS designation:

AITHER PMS for suspended particulate matter PM_{2,5} or PM₁₀

Manufacturer:

MEGA SYSTEM s.r.l.
Via Don Fracassi 41/43, 20008 Bareggio (MI)
Italy

Field of application:

Sampling device for the gravimetric determination of particulate matter PM_{2.5} or PM₁₀ in accordance with standard DIN EN 12341 (2023).

Software versions:

1.13

Restrictions:

None

Notes:

1. The test was carried out with active cooling of the filter storage for the loaded filters.
2. The test report on the suitability test is available online at www.qal1.de.

Test institute:

TÜV Rheinland Energy & Environment GmbH, Cologne
Report No.: EuL/21262089/A dated 20th February 2026

Certificate:
0000089097_00 / 24.04.2026

Certified product

This certificate applies to the sampling device that complies with the following description:

The AITHER PMS sampling device is an automatic, sequential low-volume sampler designed for dust sampling on membrane or fibre filters. The system includes a sampling line and can be operated with either a PM₁₀ sampling inlet or a PM_{2.5} sampling inlet. Ambient air is drawn in via the respective sampling inlet for PM₁₀ or PM_{2.5} using a pump.

The dust-laden air is then separated by a filter. After sampling, the dust collected on the filters is determined by external gravimetric weighing in accordance with European Standard EN 12341. Additionally, the filters can be used for further analytical procedures such as the detection of heavy metals.

The AITHER PMS sampling device consists of two separate units:

- Pump unit, comprising the power supply connection, backup battery, pump and the majority of the pneumatic lines
- Control unit, comprising the filter change mechanism and the electronics.

The two units are connected via appropriate cables and pneumatic lines. The separation of the two units allows for a high degree of flexibility in the installation of the measuring system, e.g. by installing them together in a 'tower version' or in separate locations.

The device features an optional conditioning / cooling system for the filters using a water-cooled Peltier cooling system.

Certificate:
0000089097_00 / 24.04.2026



General notes

This certificate is based upon the equipment tested. The manufacturer is responsible for ensuring that on-going production complies with the requirements of the EN 15267. The manufacturer is required to maintain an approved quality management system controlling the manufacture of the certified product. Both the product and the quality management systems shall be subject to regular surveillance.

If a product of the current production does not conform to the certified product, TÜV Rheinland Energy & Environment GmbH must be notified at the address given on page 1.

A certification mark with an ID-Number that is specific to the certified product is presented on page 1 of this certificate. This certification mark may be applied to the product or used in advertising materials for the certified product.

This document as well as the certification mark remains property of TÜV Rheinland Energy & Environment GmbH. With revocation of the publication the certificate loses its validity. After the expiration of the certificate and on requests of the TÜV Rheinland Energy GmbH this document shall be returned and the certificate mark must not be employed anymore.

The relevant version of this certificate and its expiration is also accessible on the internet qal1.de.

History of documents

The history of the certified AITHER PMS measuring system from MEAGSYSTEM s.r.l. is based on the change history documents associated with the certificate number, as well as on the regular ongoing monitoring of the manufacturer's quality management system.

Initial certification according to EN 15267

Certificate no. 0000089097_00
Expiry of the certificate: 23rd April 2031
Test report: EuL/21262089/A dated 20th February 2026 TÜV Rheinland Energy & Environment GmbH
Issue of the certificate: 24th April 2026
Official certificate database: www.qal1.de