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CONFIRMATION

of Product Conformity (QAL1)

Sampling device:	DPA-14 for suspended particulate matter PM_{10} and/or $PM_{2,5}$
Manufacturer:	Digitel Elektronik AG Gartenweg 2 8604 Volketswil Swiss
Test Institute::	TÜV Rheinland Energy & Environment GmbH

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

EN 12341 (2023),
as well as EN 15267-1 (2009) and EN 15267-2 (2023).

The AMS underwent independent expert testing and was accepted.
This confirmation is valid up to the publication of the certificate,
but no longer than 9 months from the date of issue
(this document contains 5 pages).

This confirmation is valid until: 31 December 2026

TÜV Rheinland Energy & Environment GmbH
Cologne, 10 April 2026

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

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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 certificate D-PL-11120-02-00.

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Test Report:	EuL/21265825/B dated 10 October 2025
Initial certification:	31 October 2025
Expiry date:	31 December 2026

Approved application
The tested sampling device is suitable for continuous sampling of PM_{10} and/or $PM_{2,5}$ for subsequent gravimetric determination.

Die suitability for these applications was tested on the basis of a laboratory test and a one month continuous field test.

Das sampling device is approved for the ambient temperature range of -20° to 50°C.

The notification of suitability of the sampling device and performance testing has 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 sampling device is suitable for monitoring the measured values relevant to the application.

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

Note
The legal regulations mentioned do not correspond to the current state of legislation in every case. Each user should, if necessary, in consultation with the competent authority, ensure that this AMS meets the legal requirements for the intended use. In addition, it cannot be ruled out that legal regulations governing the use of a measuring device for emission monitoring may change during the lifetime of the certificate.

Basis of the confirmation
This confirmation is based on:

- Test report EuL/21265825/B dated 10 October 2025 issued by TÜV Rheinland Energy & Environment GmbH
- The ongoing surveillance of the product and the manufacturing process
- Expert testing and approval by an independent body
- Suitability announced by the relevant body.

Sampling device:
DPA-14 for suspended particulate matter PM_{10} and/or $PM_{2,5}$

Manufacturer:
Digitel Elektronik AG, Volketswil, Swiss

Field of application:
Sampling device for gravimetric determination of particulate matter $PM_{2,5}$ or PM_{10} in accordance with EN 12341 (2023)

Software versions:

DPA-14 Standard (with fan):	SK0.AI
DPA-14 Standard (with pump):	LVs.AI
DPA-14 Baby:	SK0.AI
DPA-14 DL:	SK0.MI (Line 1) & SK0.SI (Line 2)

Restrictions:
none

Notes:

1. The test covers the device versions DPA-14 Standard (1 line), DPA-14 Baby (1 line) and DPA-14 DL (2 lines).
2. The DPA-14 Standard model can be fitted with a fan or a pump.
3. The DPA-14 Standard and DPA-14 DL versions can be operated with or without cooling of the filter storage unit for the pressurised filters.
4. The DPA-14 Baby and DPA-14 DL versions are fitted with a fan.
5. The DPA-14 Baby model is operated without cooling of the filter storage compartment for the loaded filters.
6. The DPA-14 DL model has been tested in the version for indoor installation (installation in a measuring station/cabinet).
7. 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/21265825/B dated 10 October 2025

Tested product

Diese Bescheinigung gilt für automatische Messeinrichtungen, die mit der folgenden Beschreibung übereinstimmen:

The DPA-14 sampler is an automatic and sequential low volume sampler for dust sampling on membrane or fibre filters. The system includes a sampling line and can be operated with either a PM_{10} sampling inlet or a $PM_{2.5}$ sampling inlet. The ambient air is drawn in via the respective sampling inlet for PM_{10} or $PM_{2.5}$ with the aid of a blower. The dust-laden air is then separated by a membrane filter. After sampling, the dust separated on the filters is determined by external gravimetric weighing in accordance with european standard EN 12341. The filters can also be used for other analytical procedures such as the detection of heavy metals.

The DPA-14 sampling device is available in various models/designs.

- DPA-14 Standard with blower (already approved)

and

- DPA-14 Standard with pump (for general qualification of a pump instead of a blower)
- DPA-14 Standard with cooling unit (for general qualification of optional cooling of the pressurized filters for the DPA-14 Standard and DPA-14 DL models)
- DPA-14 Baby (smaller overall size (maximum 18 filter holders can be used), modified blower positioning (top instead of bottom), no optional cooling of the pressurized filters)
- DPA-14 DL (2 parallel, independent sampling lines, indoor installation (e.g., in a measuring container)

The DPA-14 Baby version differs from the DPA-14 Standard version in its smaller overall size (maximum 18 filter holders can be used), the blower positioning (top instead of bottom), and the currently unavailable option of Cooling of the pressurized filters.

The DPA-14 DL version differs from the DPA-14 Standard version in that it provides two independent, identical sampling lines instead of one, thus enabling the parallel sampling of PM2.5 and PM10 with only one sampling device. The sampling lines are structurally identical to those of the DPA-14 Standard; however, the DPA-14 DL version differs from the DPA-14 Standard version in the size/volume of the housing, the actual arrangement of the components within the housing (position of the fans), and its design for installation in a measuring station/cabin (no outdoor housing). Furthermore, the software has been adapted to allow operation of two lines via the touchscreen (easy switching between Line 1 and Line 2).

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Technical specifications and operating parameters DPA-14 Standard (manufacturer's specs)

Sampling device	**DPA-14 Standard**	**DPA-14 Baby**	**DPA-14 DL**
dimension in mm	526 x 235 x 1020	466 x 235 x 591	448 x 455 x 756
weight in kg	33 (with blower) 40 (with pump)	21	36
Sampling tube	1	1	2
	150 – 2500 mm	150 – 2500 mm	150 – 2500 mm
Sampling head	DIGITEL LVS / PM INLET, DPM10/2.3/00 and / or DPM2.5/2.3/00		
Power supply	230 VAC at 50 - 60 Hz,		
	max. 2A/180W		max. 4A/380W
Power consumption	80 W (blower) 150 W (pump)	80 W	160 W
Installation conditions			
Case	Outdoor	Outdoor	Indoor
Temperature	-20 bis +50 °C	-20 bis +50 °C	-20 bis +50 °C
Humidity	0-95%	0-95%	0-95%
Sampling			
Sampling line	1	1	2
Sample air conveying	Blower or pump	Blower	Blower
Sample flow rate	2,3 m³/h = 38,33 l/min constant		
Sampling tube	Aluminium, «Ematal»- anodised		
Filter management			
Filter type	Plan filter, d = 47 mm		
Filter holder	POM or anodised aluminium		
Filter supply	30	18	2 x 30
Filter conditioning	Optional	None	Optional
	After sampling (no conditioning during the test)		
Data recording Interval	1 min – 24 h (10 min during the test)		
Operating parameters	Flow rate (instantaneous and average), Pressure drop across the filter, Sampling time, Air temperature downstream of the filter, Filter storage temperature Ambient pressure Ambient temperature Ambient air humidity Humidity downstream of the filter Calibration protocols Test logs Power failure log		
Schnittstellen	RS232C, RS485, USB, Ethernet		