

Hilden, Germany, March 2024

Test Devices and Leak Testing in Action - CETA exhibits at the Control 2024 trade fair

For more than 35 years, CETA Testsysteme GmbH has been a solution provider and manufacturer of test devices with great success in the field of industrial leak and flow testing. Compressed air is used as the test medium. Several thousand CETA test devices are used worldwide for quality assurance in production lines.

This year, CETA Testsysteme GmbH will once again be exhibiting at the [Control 2024 trade fair](#) from 23. to 26.04.2024 in Stuttgart. Visitors should look forward to an interesting range of products and solutions, including a leak test stand for [testing fuel tank caps](#) for leaks. The German Accreditation Body (DAkkS) has successfully accredited the expansion of the CETA calibration laboratory's scope of services. This results in an advantageous added value to the customer. Due to a high customer demand, the successful [online seminar program](#) for leak and flow testing will also be continued.



Test stand for leak testing of fuel tank caps - *Left:* Detail of test cell with leak tester and robot handling

Right: Detailed view of the adaptation with inserted fuel tank cap and product holders in rotary tables*

Completion of the current CETATEST x25 test device series

Two new products will be added to the current CETATEST x25 test device series in the second half of 2024: the [CETATEST 625](#) mass flow tester (for detecting small leak rates in large-volume products) and the [CETATEST 925](#) flow tester (for flow measurements up to 200 l/min). These test devices replace their predecessors and complete the current product range, which already includes the CETATEST 525, 725 and 825 leak tester series. With a comprehensive range of test devices, the right CETA test device can be found for almost any application. The complete and current CETATEST x25 product range, including the two new variants, will be presented at the Control 2024 trade fair.

Test stand for leak testing fuel tank caps

A highlight at the CETA stand is the live demonstration of leak testing of fuel tank caps in a test stand using the CETATEST 825 differential pressure tester.

The test stand was designed and manufactured by GERSTUNG Sondermaschinenbau GmbH, based in Mönchengladbach, Germany. GERSTUNG is a specialist in manufacturing processes with more than 100 years of company history. GERSTUNG and CETA have been successfully working together for many years.

In the fully automated test bench, fuel tank caps are tested for leaks using negative overpressure. The products are provided in a rotary table with 6 holding positions and placed on the test adapter by a robot. The leak test is carried out with the parameterised test sequence being fully controlled and evaluated by the CETA leak tester. Depending on the test result (OK / NOK), the products are transferred by robot to magazines with pick-up locations for good parts or bad parts.

Test devices with DAkkS-accredited calibration as standard

The accredited scope of services of the CETA calibration laboratory has included the measurand pressure since 2004 and has now been extended to include the [measurand flow of gases](#). The accreditation of the CETA calibration laboratory (D-K-19566) in accordance with DIN EN ISO/IEC 17025 was carried out by the German Accreditation Body (DAkkS).

This is an advantage to the customer. All leak and flow testers, pressure manometers and calibration standards are delivered with an internationally recognized [DAkkS-accredited calibration certificate](#) at no extra cost.

Recalibrations with a DAkkS-accredited calibration certificate can be carried out on site at the customer's location and in the permanent laboratory at the CETA site.

Practice-oriented CETA online seminars

To support users, CETA Testsysteme GmbH is once again offering free practice-oriented online seminars. The seminars cover the basics and applications of leak and flow testing in an industrial production process. The seminars are offered in German and English. The contents of the seminars including dates and registration options can be found on the CETA homepage (www.cetatest.com).

CETA at the Control 2024 trade fair, 23. - 26.04.2024, Stuttgart: Hall 8, Stand 8208

*Picture source: GERSTUNG Sondermaschinenbau GmbH, Mönchengladbach

CETA press text: ca. 4.293 characters with spaces

CETA Testsysteme GmbH - Solution partner for industrial leak and flow testing

CETA Testsysteme GmbH, based in Hilden near Düsseldorf, Germany, was founded in 1988 and has been active for more than [35 years](#) as a manufacturer of physical measurement instruments used in leak tests and flow measurements. Compressed air is used as test medium. This testing procedure is characterised by the fact that it can be integrated in the production line with high process reliability.

The test equipment "[Made in Germany](#)" is developed in-house and along with the components and accessories (e.g. calibration standards) are manufactured by CETA. This takes into account the high demands on the quality of the internal modules used. A comprehensive range of test devices means that the right solution can be found for almost any testing application.

Semi-automatic test stands are also offered. The test devices are used by customers for quality assurance, quality control and [production assurance](#). The customers are mainly from the automotive industry, medical technology, heating and air conditioning industry, energy sector, fittings and household appliances industry, packaging industry and e-mobility.

The company is certified according to DIN ISO 9001 and won the Quality Award of North Rhine Westphalia in the industry category in 2002. Since 2012, CETA has been consistently certified with a very good credit rating.

The calibration laboratory was accredited in 2004 by the German Calibration Service (DKD) and in 2014 by the German Accreditation Body (DAkkS) - as the successor to the DKD - as a [DAkkS-accredited calibration laboratory](#). The DAkkS-accredited calibration (compliant with the [DIN EN ISO/IEC 17025](#) standard) meets the requirements of the IATF 16949 standard applicable in the automotive industry.

CETA Testsysteme GmbH is the first German manufacturer of leak testers to deliver its test equipment with DKD- or DAkkS-accredited calibration certificate as standard since 2004. From mid-2024, flow testers as well as pressure manometers and calibration standards will also be supplied with a [DAkkS-accredited calibration certificate](#) as standard and at no extra cost on initial delivery.

The comprehensive range of services includes consulting, feasibility studies, commissioning, training, maintenance and calibration.

With cooperation partners in China, India, Indonesia, Mexico, Poland, Portugal, Singapore, Thailand, the Czech Republic, Turkey and Hungary and with thousands of test devices in use all over the world, CETA Testsysteme GmbH presents itself as a competent solution partner for industrial leak and flow testing.

CETA profile: 2629 characters with spaces

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