





CETA Testsysteme GmbH - Solution Partner for industrial Leak Testing and Flow Measurement

Dear Readers,

On 8 February 2023, CETA celebrated its 35th anniversary. We reported in detail on the first 30 years in our CETA Newsletter No. 31. In this newsletter we would like to take a look at the past 5 years. We hope you enjoy reading it.

Your Günter Groß - Managing Director



CETA Testsysteme GmbH provides solutions and manufactures physical test devices that are used in industrial leak tests and flow measurements for 100 % routine testing in the production line. Compressed air and hydrogen are used as test media. These test methods can be reliably integrated into the assembly line.

## Technical Innovations

The CETATEST 825 is the fourth generation of CETA differential pressure leak testers. It has an innovative operating concept, a multitude of interesting integrated functions and is interface-compatible with its predecessor model CETATEST 815. It is therefore ideally suited for the metrological requirements of inline leak testing in the production process. The CETA test device range is being gradually converted to the new x25 platform.

The CETATEST 715 LV, specially developed for leak testing of large-volume plastic packaging, enables the testing of plastic drums (220 l) in 10 s and IBC's (1,100 l), within approx. 30 s. In the meantime, this type of tester is used by customers worldwide.



Leissing/WWIKENRW



## Economic Stability

For more than 10 years, CETA has been given an excellent credit rating. The general economic crisis and the Corona pandemic have not changed this. CETA thus presents itself as an economically stable and reliable business partner even in difficult times.

## Recognised Quality

CETA has been qualified as an A-supplier several times in supplier evaluations. And CETA has been recognised as a SME excellence company. In 2021, CETA was a finalist in the ife Awards for single manufacturer.

Since 2009, CETA has delivered the test devices cost-neutrally with a 3-year warranty, which can optionally be extended to 5 years. The metrological product quality, especially the reproducibility of the measured values, is appreciated by the customers and has been positively highlighted several times. This is no coincidence, but the result of elaborate internal outgoing goods tests. A steadily growing number of customers have signed a maintenance contracts with the CETA service. CETA is perceived as a quality supplier.

## CETA faces Corona

In 2020, CETA reacted at very short notice to the new challenges posed by the pandemic. A Corona Emergency Assistance Program was established to support medical device manufacturers. Test devices for the testing of medical products were provided free of charge. Computing resources were made available to "decode" the Corona virus in the distributed computing project "Folding@ home". Due to the computing power achieved, CETA is listed among the TOP 4000 participants worldwide.



Alexander Raths shutterstock

## Changing Market

At CETA, the change from the combustion engine to the electric drive has long since arrived. For example, many products used in e-mobility are currently being tested by CETA test devices (electric axles, cooling circuits, battery housings, battery components, thermal management systems). In many future projects, secured by non-disclosure agreements, CETA is involved at an early stage. Many internationally active corporations have launched benchmarks to standardise testing processes. And here CETA has emerged as a "preferred supplier" several times with great success.



teksomolika - stock.adobe.com

## CETA Digital



New digital forms of communication were introduced as part of the "CETA Digital" project, such as online seminar programs, project discussions via online sessions, customised online trainings, online commissioning. This has once again significantly increased the efficiency of project handling.

## CETA in Contact

For several decades, CETA has regularly exhibited at the **Control** - quality assurance - and **Motek** - production line equipment - trade fairs. CETA also exhibited at **K**, the world's largest plastics trade fair, and **MEDICA**, the world's largest medical technology trade fair. CETA is regularly represented at congresses and events with presentations on topics related to leak and flow testing.

The presence in industry portals has significantly increased the national and international visibility of CETA.



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## Extension of the Range of Services and Support

With the **CETA-UX-Package (User Experience)**, the customer can convince himself of the applicability of the CETA test devices free of charge and without risk. "Ask the Expert" offers the possibility of a technical project discussion, obtaining a second opinion or even evaluating the currently used test procedure. CETA is the first manufacturer of leak testers with a DKD calibration laboratory for the measurand pressure, which has been accredited since 2004. In 2014, accreditation as a DAkkS calibration laboratory took place. Accreditation for the measurand volumetric flow in gases is due shortly.

Then all CETA test devices with measuring ranges within the accredited scope will be supplied with an internationally recognised DAkkS calibration certificate (compliant with DIN EN ISO/IEC 17025) at no extra cost.

## Project Assurance

CETA offers high consulting competence in the project phase. Only when the technical feasibility has been securely ensured an offer will be prepared which is suitable for the application. Sometimes tests with original test parts are also necessary. This approach has proven itself and is widely appreciated by customers. Customer satisfaction with CETA services and the technical solutions are CETA's top priority.

## Internationalisation

The network of international cooperation partners was further expanded. Through regular visits to CETA, the partners are trained to provide first level support to our international customers in their countries. Some of the CETA partners are able to carry out on-site maintenance and calibration of CETA test devices.

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A lot has been achieved in 35 years. CETA has successfully established itself as an economically stable, internationally operating, solution- and technology-oriented expert for quality assurance in the production process. I am proud of this and would like to thank all those who have contributed to this success story: our customers, our cooperation partners and, of course, the CETA employees, who act in a highly motivated and customer-oriented manner every day.

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Günter Groß – Managing Director, CETA Testsysteme GmbH