



Visit us at Control in Stuttgart, 03 - 06.05.2022, Hall 7 / Stand 7207
Request a free admission ticket: +49 2103 / 2471-75 □ sales@cetatest.com

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Dear readers,

after the cancellations of the Control trade fair in 2020 and 2021 caused by the Corona pandemic, we are pleased to announce that the fair will take place again this year. CETA will be exhibiting at the **Control 2022** trade fair from **03.- 06.05.2022** in Stuttgart in **hall 7, stand 7207**. We are looking forward to your visit.

Yours sincerely,
Günter Groß, Managing Director

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NEW! CETA User Experience Package - Free provision of demonstration devices

In the project planning and design phase of industrial leak and flow tests, the question often arises as to which test technology is suitable and whether the selected test technology meets the technical requirements. Here, the practical user experience (UX) is an important element. The CETA UX package supports the user by providing demonstration devices free of charge, by instructing the user in its operation, in carrying out measurements on his own products and thus ultimately his decision-making:

- Preliminary technical discussion to clarify the application
- Selection of a suitable test device
- Free provision of the test device for 2 weeks, depending on availability
- Free shipping within Germany
- Accompanying online support

This service enables a risk-free and practical suitability test of the test device.



If you are interested, please contact us, see contact details below.

CETA Digital: Online seminar program 2022 in German - Dates in the 1st half of 2022

Last year, as part of the „CETA Digital - From practice for practice“ program, free online seminars were held on various topics related to leak and flow testing. This offer was very well received and there was a lot of positive feedback and suggestions. For 2022, we have set up an interesting mix of topics. Currently the seminars are held in German, but English-language offers are also being planned.

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|-------------------|---|
| 24.03.2022 | CETA leak test device series |
| 28.04.2022 | Leak testing of encapsulated test parts |
| 19.05.2022 | Measuring equipment capability analysis in leak testing |
| 09.06.2022 | Solutions for the packaging industry |

If you are interested in the CETA UX-Package or the online seminars, please contact us at
www.cetatest.com | +49 2103 2471-75 | sales@cetatest.com



Portuguese CETA cooperation partner – COMPIND

Since 2017 CETA is represented by a cooperation in Portugal. This cooperation with CETA will be continued by the Portuguese company COMPIND.

COMPIND distributes quality products in Portugal and supports customers in a wide range of sectors, focusing on new technologies, automation, robotics and mechatronics. Target customers are integrators and manufacturing companies. In doing so, COMPIND works with a network of European partners.

COMPIND – Componentes Industriais, Unip., Lda.
Tondela - Portugal

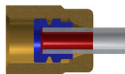

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CETA practical tip: Installing thin measuring lines

In leak testing with compressed air using the pressure decay method, the effective test volume results from the sum of test part volume, measuring line, adaptation and test device-internal measuring circuit volume.

Especially for leak testing of small-volume products (volume a few ml), it makes sense to reduce the volume of the measuring line. For example, the volume of a 3/2 measuring line is only 3.14 ml per meter (compared to 12.6 ml per meter for a 6/4 „standard measuring line“).

When using the 3/2 line, there are different mounting concepts:

		
Material	Brass	Stainless steel
Elements *	Support sleeve Clamping ring (flat) Union nut	Clamping ring (conical) Union nut
Seal	Metal-to-metal	Metal-to-metal
Sealing Clamping ring	Flat circular ring surface	Conical cone surface
Property	Soft	Hard
Long-term stability	Medium	Good
Cost	Low	Higher

* The elements are mounted on the screw connection, with the sealing being made on the metal clamping ring.

Important notes

- Correct assembly: Hand tighten and retighten 90° with a suitable tool.
- The metal sealing surfaces should be checked for cleanliness and integrity before assembly. Experience shows that micro-leakages due to wear in this area are difficult to find.
- With the brass fitting, impressions are formed on the sealing surface with repeated assembly, which can lead to leaks.
- The stainless steel version is recommended for interchangeable adaptations.
- If quick-release couplings are used, it should be noted that they have a high intrinsic tightness at the test pressure applied.
- For the sake of completeness, it should be noted that a plugfix connection is unsuitable for the measuring circuit.