Hilden, July 2017

New Mass Flow Leak Tester CETATEST 615

Leak tests are used to ascertain the tightness of components and systems. A great diversity of methods is available for leak-testing. The new mass flow tester CETATEST 615 detects fully automatically very small leakages of less than 0.5 Nml/min in large test parts. The method is based on the principle of thermal mass flow measurement. The test medium is compressed air. The CETATEST 615 is suited, among others, for testing the tightness of large components used in the field of electromobility.

Thermal Mass Flow Measurement

The device CETATEST 615 is used with an external reservoir volume which is filled and used as pressure reservoir. The flow of test air from the previously filled reservoir volume allows leakage detection without the disturbing effects of a regulation process.

The mass flow value is measured by a thermal mass flow sensor. The measured value is given in a standard unit and the user can determine the necessary reference conditions. Temperature effects are automatically compensated. An electronic pressure regulator is used to set the different filling pressures of the reservoir.

Fully Automatic Leak Test

The leak-testing process of the device CETATEST 615 is fully automatically controlled by a real-time microcontroller with 16 bit µC / 40 MHz, including logging and analysis of measured values. The filling pressure of the reservoir is automatically calculated according to the reservoir/test volume ratio.

The new mass flow leak tester can be equipped with a large number of industrial interfaces and will be presented to the public at the International Trade Fair for Automation in Production and Assembly, MOTEK 2017 in Stuttgart, 9-12 October 2017, hall 3, stand 3320.

New Mass Flow Leak Tester CETATEST 615

About CETA:

More information on CETA at www.cetatest.com

CETA Testsysteme GmbH
Marie-Curie-Straße 35-37
40721 Hilden
Phone: +49 (0) 2103 / 2471-0
Fax: +49 (0) 2103 / 2471-71
E-mail: info@cetatest.com

Media Contact:
Dr Joachim Lapsien
Tel.: 02103/247119
joachim.lapsien@cetatest.com

CETA Testsysteme GmbH

Solution Partner for industrial Leak Testing and Flow Measurement

The company CETA Testsysteme GmbH was founded in 1988 and is a manufacturer of physical measurement devices for leak testing and flow measurement. Compressed air and hydrogen are used as test media. These testing procedures can be integrated in the production line with high process reliability.

The test devices („Made in Germany“) are the company’s own developments and the components and accessories (e.g. calibration standards) are manufactured in-house. This ensures that the high quality requirements for the internal modules are met right from the start.

Due to different test device technologies and a wide scope of pressure and measurement ranges nearly every test requirement can be fulfilled. An integrated control of the correct test device function guarantees a high standard of process reliability. The scope of products also includes semi-automatic test stands. The test devices are used by the customers for quality assurance, quality control and production assurance. The customers mostly come from the fields of automotive industry, medical technology, heating and air-conditioning industry, fittings and household appliances industry.

The company is certified according to DIN ISO 9001 and won in 2002 the quality award NRW in the category Industry. The calibration laboratory has been accredited 2004 as DKD calibration laboratory and 2014 as DAkkS calibration laboratory by the Deutsche Akkreditierungsstelle (DAkkS) - as follower of DKD. DAkkS calibration (in accordance with the standard DIN EN ISO 17025) complies with the requirements of the ISO / TS 16949 standard, valid in the automotive industry. CETA Testsysteme GmbH is the first German manufacturer of leak-testers whose devices are serially supplied with DKD/DAkkS calibration since 2004.

Since 2012 CETA has been certified by "an outstanding credit rating" (Bisnode Rating Certificate No. 318664026). The creditworthiness certificate is issued only if a creditworthiness index of 1 has been consistently demonstrated over the past 12 months and the valuation in the Bisnode database is stable.

The wide range of services includes consulting, feasibility analysis, commissioning, training, maintenance and calibration.

With cooperation partners in France, Spain, the Czech Republic, Hungary, Poland, Turkey, Korea, China, India, Thailand, Singapore, Indonesia 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 testing and flow measurement.

Contact person for inquiries and further information

CETA Testsysteme GmbH, Marie-Curie-Str. 35-37, 40721 Hilden
☎ +49 (0)2103 / 2471-75 🖹 +49 (0)2103 / 2471-76
sales@cetatest.com | www.cetatest.com

Dr. Joachim Lapsien - Head of Sales and Marketing
☎ +49 (0) 2103 / 2471-19 🖹 +49 (0) 2103 / 2471-76
joachim.lapsien@cetatest.com | www.cetatest.com