

PRESS RELEASE

LTC-802 M-Performance - powerful, flexible, fast and user-friendly

innomatec Launches New, Innovative Solution for Leak Testing

innomatec, the specialist for leak testing, flow measurement and functional testing, offers the LTC-802 M-Performance, a new solution for leak testing. This enables companies to significantly reduce their testing times in quality assurance and optimize their production cycles. innomatec will be presenting the solution at Euroguss 2022.

Idstein/Taunus, June 08, 2022 – With the LTC-802 M-Performance, innomatec now offers a new product for leak testing that enables direct and highly precise measurement of the leak rate without a reference volume. Thanks to the optimized design - using high-precision measurement technology - companies can be very flexible in testing not only small test specimens starting at 10 milliliters, but also components with very large volumes of up to 200 liters for leaks - with leak rates starting at two milliliters/minute.

The LTC-802 M-Performance is ideal for testing components large assemblies that can vary in volume such as electric vehicle batteries, battery housings, battery packs and traditional transportation components such as fuel tanks, intercoolers and heat exchangers, engines, transmissions, powertrains and much more.

Highlights of the key advantages of the LTC-802 M-Performance

The LTC-802 M-Performance enables companies to focus more intensively on the essential tasks of measurement and complete feasibility studies much more easily and quickly. Manufacturers benefit from the following:

- Users can measure the desired leak rate quickly and directly. The LTC-802 M-Performance eliminates the need for time-consuming determination of volume or volume factor. A conversion from pressure drop to leakage rate, as well as a conversion by means of volume factor are no longer necessary, since no reference volume is required.

- As the DUT volume is no longer relevant and volume determination is no longer necessary, the process of initial setup and calibration can be much faster. The solution is available "plug and play".
- Minor volume changes - for example, in the case of a component change in the concept or design phase - can be implemented without changes to the program parameters.
- Since no reference volume needs to be filled, companies can also save compressed air and reduce their consumption values with the LTC-802 M-Performance.

Positive effects on quality assurance and manufacturing production

The LTC-802 M-Performance brings numerous advantages for quality assurance. With the new solution from innomatec, users can significantly reduce their inspection times. Based on initial empirical values, cycle time savings of up to 20 percent are possible. Consequently, this means that companies can increase their throughput by 20 percent and shorten their production cycles. In addition, companies can significantly reduce their investments, as they can save on measuring equipment and achieve higher throughput with the existing environment.

"Quality assurance is typically a time-consuming process in manufacturing. Today, it is even more important to optimize this process step to achieve higher throughput and shorten cycle times in production. With the LTC-802 M-Performance, we can optimally support companies in this regard," said Pascal Schröder, Managing Director of innomatec GmbH.

Extensively tested, outstanding performance

innomatec has extensively tested the LTC-802 M-Performance in its own laboratory as well as at selected customers' sites over a period of two years. In the process, innomatec has already performed several million measurements with the new device in its own laboratory, and customers have tested more than 120,000 products.

"In extensive testing at our company and at our customers' sites, the LTC-802 M-Performance has already been able to demonstrate its performance capabilities and ensure a significant reduction in clock cycles - and this ultimately means a significant increase in output for these manufacturers," said Holger Reinl, Measurement Technology and Programming Team Leader at innomatec GmbH.

A real-world example: a manufacturer previously required 235 seconds for a test cycle. Thanks to innomatec's new solution, the company was able to reduce its test cycle times by 20 percent to 188 seconds. In a three-shift operation (24/7), this company can produce more than 30,000 additional components per year.

Proven quality, simple operation, low error rate

Built on the same platform as the LTC-802, users can rely on innomatec quality: the housing, hardware and software are based on proven technology with added innovation.

"Customers reduce their risk and benefit from innomatec's proven quality standards. The user interface of our new LTC-802 M-Performance solution is intuitive, not error-prone and is similar to existing leak testing products. This means that no training is required for quality assurance staff who are already using our products. For all other companies, familiarization is minimal due to the high level of user-friendliness," said Mr. Schröder.

Visit innomatec at Euroguss 2022

Wednesday, June 08, 2022, to Friday, June 10, 2022

Nuremberg Trade Fair, Stand: Hall 7 / Stand 7-178

You are welcome to make an appointment in advance. We are always available for an appointment as well as a personal conversation at the fair!

Further information:

For more information and a technical data sheet on the LTC-802 M-Performance, [click here](#).

Visuals:

LTC-802 M-Performance.jpg

The new leak testing solution from innomatec: LTC-802 M-Performance

LTC-802 M-Performance-2.jpg

Test system with packing, clamping system and LTC-802 M-Performance **LTC-802 M-Performance-Screenshot.jpg**

Operator Interface of the LTC-802 M-Performance

Pascal-Schröder-innomatec.jpg

Pascal Schröder, Managing Director, innomatec GmbH

Holger-Reinl-innomatec.jpg

Holger Reinl, Team Leader Measurement Technology and Programming, innomatec GmbH

About innomatec

innomatec was founded in 1983 by Wolfgang Schillings. The company's goal was to replace all traditional leak measurement methods, such as underwater testing, with computer-controlled leak test equipment and procedures. Today, innomatec offers customized systems and test rigs for leak testing, flow monitoring and functional testing for water, air, helium and inert gas. innomatec's customer base includes well-known companies from all industries in 18 countries, including India since 2006. In August 2019, innomatec joined the international TASI group of companies' Product Integrity business unit, which includes Cincinnati Test Systems (CTS), Sciometric and Sierra CP Engineering. For more information, visit <https://www.innomatec.com>.

Contact:

griffity GmbH

Evi Garabed, Susanne Garhammer

E-Mail: susanne.garhammer@griffity.de

Tel.: +49 (0)89 43 66 92-0

Hanns-Schwindt-Str. 8

D-81829 München

Web: www.griffity.de