

Poppe + Potthoff GmbH
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PRESS RELEASE

Bursting under observation: Test stand from Poppe + Potthoff tests at up to 10,000 bar

Poppe + Potthoff Maschinenbau designs and manufactures systems for operational stability and durability tests. At this year's [Control](#) trade fair and at the [Automotive Testing Expo](#), the specialists for high-pressure technology introduced the PPM-B series. These burst test stands allow for the testing of accumulators and containers, tubes, pipes, hoses and components within a fraction of a second.

“The PPM-B test stands can be used everywhere”, explains Stefan Dreyer, CEO at Poppe + Potthoff Maschinenbau GmbH in Nordhausen, Germany. “Depending on the application - whether it is for testing pumps, tubes for AC systems, braking, hydraulic or tube systems – the system is customized for a bursting pressure between 10 and 10,000 bar.”

Poppe + Potthoff uses an innovative technology for building up pressure that is faster, more precise and requires less maintenance than other systems. The system uses a large pressure booster for quick priming and a smaller one for precise adjusting. Available test media include water, emulsions, oil and brake fluids.

This way, the quality of the components to be tested can be assessed and documented easily and quickly – with a precision of up to 100,000 results per second. All data is saved automatically and connected via local interface to the graphical programming environment LabVIEW (National Instruments) and the local network.

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Photo: The PPM-B series by Poppe + Potthoff Maschinenbau allows for the testing of accumulators and containers, tubes, pipes, hoses and components up to bursting point. Source: Poppe + Potthoff Maschinenbau. Images available for printing at: www.oha-communication.com/poppe-potthoff

Poppe + Potthoff Maschinenbau GmbH designs and manufactures test stands for measuring the strength and durability of components in automotive engineering and shipbuilding as well as other industries. The specialized machines made by the experts for high pressure technology are designed for precision and high-performance and are used in research, development and production. This includes test stands for measuring bursting pressure and tightness, impulse testing, autofrettage as well as automated testing and sorting. The company based in Nordhausen (Germany) is a member of the Poppe + Potthoff Group.

Poppe + Potthoff stands for precision. The group develops and manufactures customer-specific steel tubes, common rail subsystems, high pressure tubes, precision components, line shafts, couplings as well as specialized test stands and other machines. Poppe + Potthoff enables highly sophisticated solutions in automotive engineering and shipbuilding, machine tool building and mechanical engineering as well as other industries. The family-owned enterprise with its headquarters and technology center in Werther (Germany) was founded in 1928 and has more than 1,200 employees. Poppe + Potthoff is active in more than 50 countries with its subsidiaries and long-term partners – always in close contact with its customers. www.poppe-potthoff.com

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