

Static Electromechanical and Hydraulic Universal Testing Machines,  
Dynamic Component and Product Testing Systems, Hardness Test Benches,  
Special Testing Machines, Furniture Testing Systems

# Willy and Hegewald & Peschke.



**Hegewald & Peschke**  
Meß- und Prüftechnik GmbH

Totally yours:  
Testing machines made by Hegewald & Peschke.



*This is Willy, Hegewald & Peschke's universal test specimen.  
A customer-specific testing machine shouldn't fail with any of its parts.*

Every product is unique – as is the wish to have it tested from top to bottom, inside and out. What limits individuality are testing machines. Standardization at the expense of reality seems to be a necessary

evil. But, that doesn't have to be. With Hegewald & Peschke's testing machines, you don't stretch reality; instead, only those things you wish to stretch. Or pull, press, and bend: Steel samples,

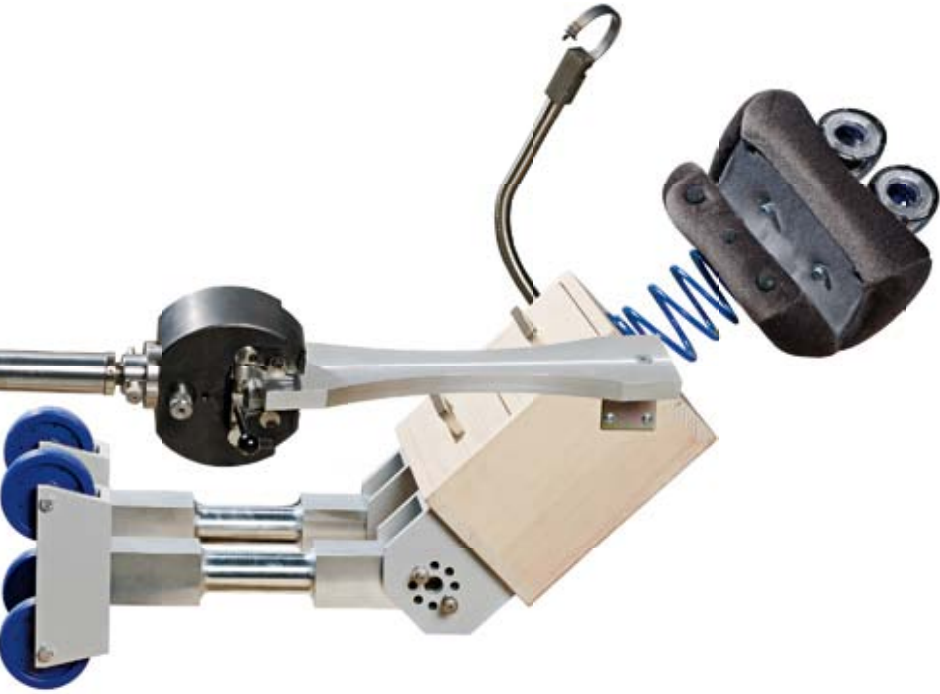
springs, tomatoes, floor coverings, drains, drawers, solar panels. The machine's modular system sets no limits to test specimens and test methods. Limited are only the costs you have to bear for such

individual solutions. Since 1990, Hegewald & Peschke, an owner-operated German engineering company, has been building customer-specific systems for mechanical material and product

testing. Airbus, BMW, Dillinger Hütte, the Fraunhofer-Gesellschaft, Siemens, the Technische Universität München, Voestalpine as well as other leading technology enterprises and research

institutions in Germany and abroad all rely on the machines built by Hegewald & Peschke.

# These material testing machines really demolish everything.



**That's to say, under any and all circumstances.** Ranging from low to high loads, from incoming goods inspection to fracture mechanical testing. Numerous clamping tools grab each and every sample. Matching climate chambers and ovens bring them to space temperatures and the boiling point. Or create a rainforest climate. Our extensometers – available with or without contact – can be adapted to every application and don't miss anything, not even the



slightest move. And: The easy-to-use and logical, individually adjustable testing software LabMaster ensures that even the evaluation of the test results

*The material testing machines of the Inspekt series can apply test loads up to 2,000 kN – statically and in low cycles. They are available either with electromechanical or servo-hydraulic drives.*

won't bewilder you. Mobile and stationary hardness test benches as well as digital length measurement technology round off the portfolio.



*This automated hardness test center works in a foundry. It tests the Brinell hardness of engine blocks – hundreds a day.*

Combined with a conveyor belt, loader, and an operating robot, a universal testing machine or a hardness test bench made by Hegewald & Peschke is transformed into a fully automated test center. All components are attuned to one another and come fully assembled. This permits the testing of material samples and / or products at high speeds,

for example, during the final inspection of mass produced goods. Precision doesn't suffer the least bit. Quite the contrary: Human subjectivity, which plays an inevitable role in such assembly line inspections, no longer applies. The test evaluation and documentation are also fully automated.

**Even if the standards are raised by 200 percent, it's still not a problem.**







## We simply build around exotic test specimens.

**The modular design permits our testing machines to be modified to your individual requirements:** For particularly large test specimens, the test rooms can be expanded. Or they can be shifted to better align them with the test specimen's and the operator's geometries. If the handling calls for it, then the application of the vertical load is turned into

a horizontal one. Several test rooms inside a machine permit diverse tests without modifications. Yet, some tests are actually so unique that they require a special technological concept. A company like ours, which still remembers its engineering roots, is able to provide the perfect testing solution here as well.

*Universal testing machine  
Inspekt table 20 kN for  
safety glass bending tests*



Test stands for fatigue tests of components and/or products need to be extremely reliable. Slamming car doors or bending wires back and forth a million times without letup – that’s no small matter. A particular challenge is the testing of furniture because this involves large-volume products which come in various shapes and sizes and require a lot of testing.

Hegewald & Peschke provides modular based furniture test rigs with pneumatic or hydraulic actuators. They don’t capitulate to any table, chair, or cabinet. The testing software LabControl, which was designed specifically for component and product testing, ensures that the daily tests won’t get too complicated.



*This furniture test rig conducts fatigue tests on drawers, drawer guides, and functional fittings.*

**After a million times, the product might be bust. But not the machine.**



# You can't just break things.

Testing machines don't function according to the "buy – plug in – test" principle. That's why every customer gets detailed consultation. Which testing technology is really needed? Our demonstration lab in Nossen can be a big help here. And after the sale, our service won't stop either. This includes the machine's installation and configuration as well as

staff instruction. We also do the regular maintenance and ensure that wear and tear parts are replaced on time. A software hotline helps solve problems during test runs. Even the calibration of the testing technology doesn't require any third parties: Hegewald & Peschke GmbH's calibration lab for material testing machines is approved and certified by

the German accreditation body Deutsche Akkreditierungsstelle (DAkkS).

Hegewald & Peschke is certified according to ISO 9001:2008 and registered under the DAkkS accreditation number D-K-17222-01.



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Hegewald & Peschke  
Meß- und Prüftechnik GmbH  
Am Gründchen 1  
01683 Nossen  
Germany

Phone:  
+49 35242 445-0  
E-Mail:  
info@Hegewald-Peschke.de  
www. Hegewald-Peschke.de