



Hegewald & Peschke
Meß- und Prüftechnik GmbH



inspekt

Static electromechanical universal testing machines



Universal testing machines inspekt

Universal testing machines from Hegewald & Peschke guarantee a flexible solution for a wide range of testing tasks. Both standard specimens and the most unusual finished products and components can be tested precisely and reliably.

The inspekt universal testing machine series is manufactured in Germany and meets the highest requirements for measuring accuracy and versatility. It allows tensile tests, compression tests, bending tests, peel tests and shear tests on a wide variety of test specimens. The inspekt series is based on a modular system so that it can be transformed into an absolute specialist with the appropriate grip, extensometer or climate/temperature chamber or furnace.

Our testing machines are available in various series, with which material and component tests can be carried out precisely in a wide load range up to 2.5 MN. The innovative component testing concepts of the inspekt vario series and customer-specific special solutions enhance our portfolio.

inspekt solo
up to 2.5 kN



- Ⓢ 3 Test room heights
- Ⓢ Compact workplace design
- Ⓢ Large machine base plate for storing accessories, tools and specimens

inspekt duo
5 kN to 10 kN



- Ⓢ 2 Test room heights
- Ⓢ Force sensor integrated in moving crosshead - better protection of the sensor and extended test stroke
- Ⓢ Test room lighting - integration into test sequence possible

inspekt blue
5 kN to 50 kN



- Ⓢ Load frame variable in height and width
- Ⓢ High rigidity due to precision ball screws with large diameter
- Ⓢ Elegant cladding with aluminium profiles

inspekt table
10 kN to 250 kN



- Ⓢ Load frame extremely variable in height and width
- Ⓢ Ideally suited for material and component testing in the medium load range with a wide range of specimens and component sizes
- Ⓢ Available as stand-alone or table version
- Ⓢ Connection of peripheral devices (e.g. furnaces, temperature chambers) and additional measuring and control channels (e.g. extensometers, probes, optical sensors) possible

inspekt
100 kN to 2500 kN



- Ⓢ Stable design for maximum measuring and control precision: 4 guide pillars and 2 backlash-free precision ball screws
- Ⓢ Variable load frame for different test room heights and widths
- Ⓢ Expandable with ergonomic lateral test room
- Ⓢ Connection of peripheral devices (e.g. furnaces, temperature chambers) and additional measuring and control channels (e.g. extensometers, probes, optical sensors) possible

Service and software for our universal testing machines

Universal material testing software LabMaster - made by Hegewald & Peschke

Our universal testing software is developed in-house, allowing us to quickly implement customer-specific adaptations. LabMaster ensures precise and efficient testing for every application:

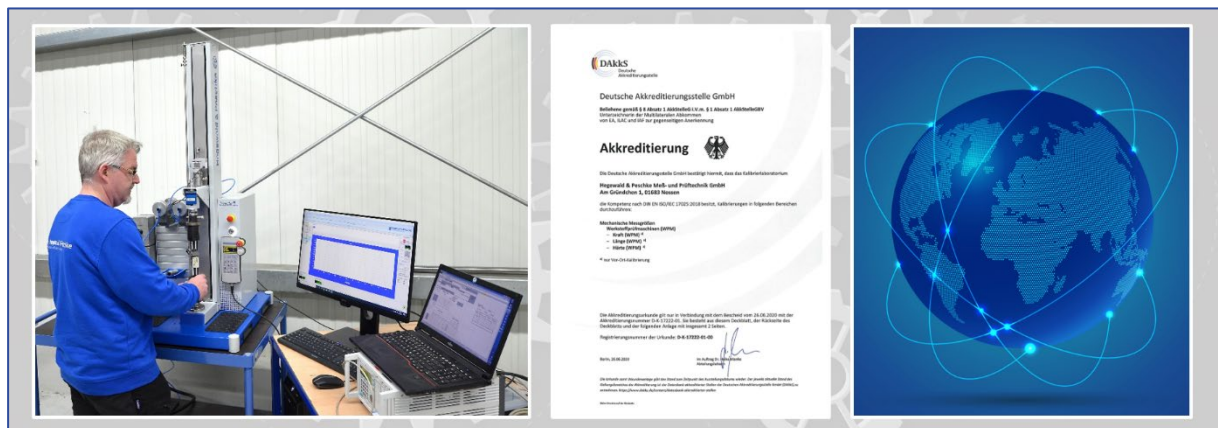
- ☞ Suitable for simple and complex testing tasks
- ☞ Supports both standardized and custom test procedures
- ☞ Ideal for quality assurance, research and development
- ☞ Flexible and user-friendly for material, component and furniture testing



- ☞ LabMaster is supplied as a complete tool. There is no need to purchase standard-based test specifications.
- ☞ Reliable and sustainable: We support our customers with free application support for LabMaster over the entire life cycle of the testing machine.

Maintenance and calibration from a single source - reliable service for your testing machine

Calibrating your testing machine ensures that measurements are accurate, reliable and conform to standards. Our own DAkkS-accredited calibration laboratory calibrates your testing systems on site and carries out any necessary maintenance and adjustments right away.



- ☞ Each testing machine is fully tested and calibrated at Hegewald & Peschke before delivery.
- ☞ Our large global network of international partners ensures fast and reliable support and service for our testing machines.