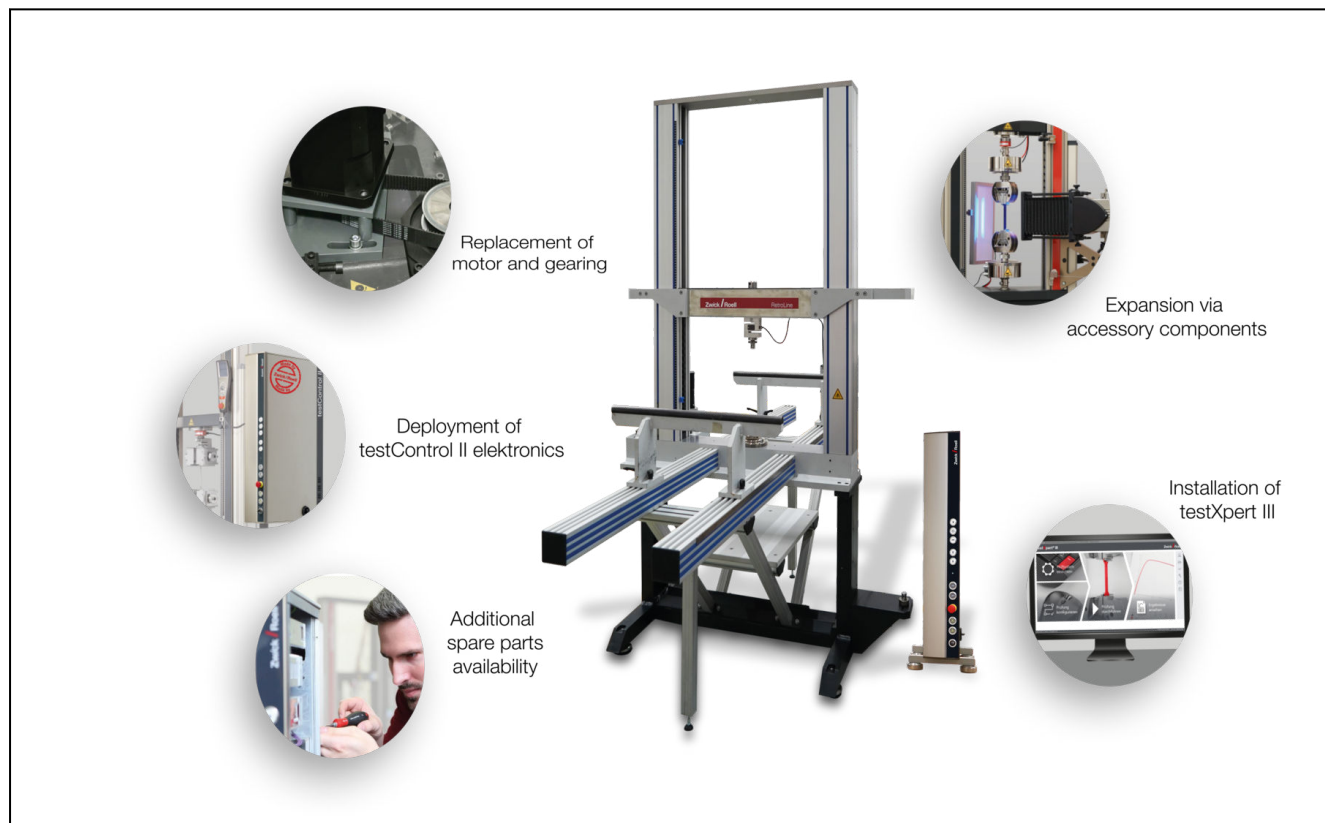


Product Information

RetroLine testControl II for Hegewald & Peschke testing machines

CTA: 271923



Hegewald & Peschke (20 kN), modernized with all ZwickRoell services fully available

Modernization

Even though older testing machines may have given faithful service over many decades thanks to their robust construction, the demands and requirements of today's technology can no longer be met using outdated equipment. Precision and reproducibility are key criteria in materials testing today, as is the observance of current safety regulations. The needs of the markets can best be served with innovative products and sophisticated technology.

Due to the modular design of ZwickRoell testing machines, retrofit kits are available for all ZwickRoell machine types. We cover the entire range of nominal forces of machines currently on the market. In addition to retrofitting our own machine series, when it comes to machines from other manufacturers we draw on the extensive experience of our development engineers and commissioning technicians. We have converted machines from 40 different manufacturers to ZwickRoell technology, gaining a great deal of knowledge and expertise in the process.

Advantages and features

- over 20 years' experience in modernizing materials testing machines
- warranty for newly installed components, as with new machines
- renewed long-term service and support
- rapid assistance via Hotline and in the event of repairs
- testControl II measurement and control electronics satisfy the most demanding safety requirements
- enables validation of the testing machine in accordance with the latest quality standards
- intelligent testXpert III testing software
- re-use of expensive components such as extensometers and specimen grips
- existing load cells converted and re-calibrated
- Modern drive technology, achieved by installing a new, energy-efficient AC motor, with greatly improved control and positioning accuracy

1622049 522

Product Information

RetroLine testControl II for Hegewald & Peschke testing machines

testControl II - innovative machine electronics

The new testControl II measurement and control electronics provide the ideal basis for precise, reproducible test results. As well as setting new standards in accuracy, control and acquisition rate, testControl II is laying down a benchmark for drive speed. The machines feature high positioning and return speeds, while the additional fast return ensures short cycle times. Impressive features include new drive technology, high measured-value acquisition rates, modular design and high safety standards. The combination of powerful, flexible control technology plus an innovative operating concept guarantees an optimum solution for testing applications, from the simplest to the most demanding.

Flexible connection options

The provision of up to 6 slots allows additional sensors and measuring equipment to be connected to testControl II whenever required. The system's modular design allows it to adapt to current testing requirements via plug-in modules such as the digital measured-value acquisition card, USC module and 2,000 Hz online measured-value transmission.

Made by ZwickRoell

testControl II control technology is truly 'Made by ZwickRoell'. Development and production take place entirely in Ulm, allowing optimum matching of all components and enabling ZwickRoell to offer outstanding support. In developing testControl II ZwickRoell was able to draw on the experience gained from over 12,000 installations of testControl machine electronics.

One contact person for all tasks

After modernization of a machine from another manufacturer, ZwickRoell assumes responsibility for:

- All questions regarding spare part availability
- Inquiries regarding retrofitting due to new requirements
- Support requests in relation to everyday testing

This means that even when old, original parts fail, ZwickRoell is responsible for the procurement, delivery and installation of the necessary spare parts. If new standards must be complied with because industry-dependent test specifications change, or if you are aiming to improve efficiency in the testing laboratory, the ZwickRoell team is here to help, for example with

- The latest technology in optical extensometers
- Precision load cells

- Specimen grips or temperature chambers best suited for the test requirements
- Hotline support to address all of your questions

The ZwickRoell hotline will support you with any questions you may have. The modernized third-party machine will be handled the same as a ZwickRoell machine.

testXpert III testing software Intuitive and workflow-based from the very start

testXpert III is the result of close cooperation with software users in the materials testing industry and the experience of over 40,000 successful testXpert installations. From the very start, testXpert III uses a workflow that is based on your lab processes to guide you step by step through your test. Get to know testXpert III and experience how easy it is to use.

Customized software adaptations

Do you have special new testing software requirements? Our specialists will be happy to help you implement them. Why not take advantage of our software engineers' years of experience in implementing customer-specific (not to mention industry-specific) solutions? They will help you to use the testing software to best advantage. Customized solutions often result in significant gains in profitability during subsequent testing operations.