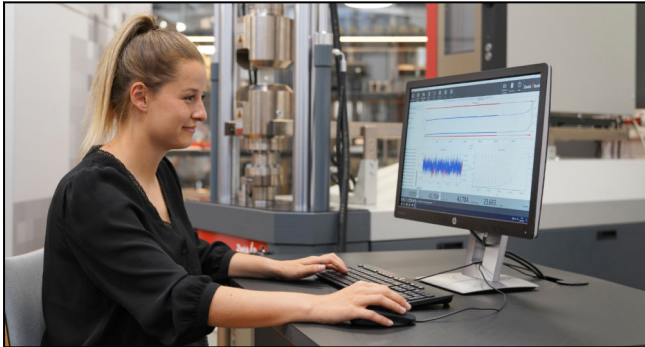


Product Information

testXpert R Testing Software for Single Stage Fatigue Tests

CTA: 282695 282699

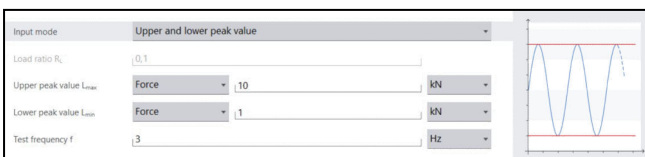


Measured value tracking via online graphics during the test

Despite the increasing requirements in the field of testing technology, many tests continue to be performed at constant amplitudes and frequencies to generate valuable information such as S-N curves for example.

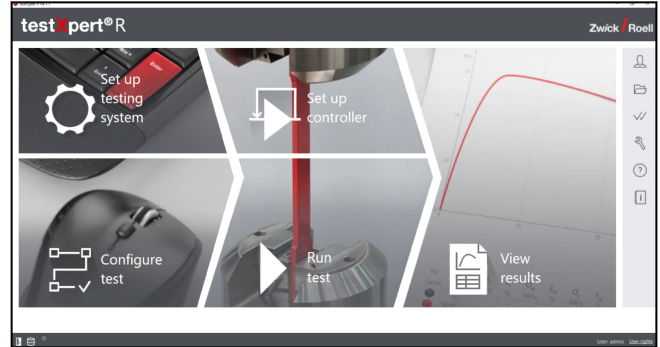
The single stage fatigue test in testXpert R is a test program that focuses on fast and uncomplicated performance of fatigue tests. The operator is selectively presented with only specific selection options to simplify the setup process with auxiliary graphics. The waveform is always sinusoidal and the amplitude remains constant during the test.

CTA: 282709



Input mask of the set value specification

In general, the number of cycles until specimen break is required. The test results can be exported as a PDF report or in CSV format for subsequent use in Excel. Throughout the test, the measurement data can be monitored live via freely adjustable online graphics.



testXpert R start screen - workflow oriented design

The PID settings of the controller, the parameters of the test sequence, and the results are saved together in one file, making this information easily accessible at any time.

The design of all testXpert R test programs is workflow oriented and mirrors the operating processes of the lab. This setup guides the user through the test with logical and traceable steps:

1. Set up the testing system
2. Set up the controller
3. Configure the test
4. Run the test
5. View the results

This structure, as well as the software interface are almost identical to our testXpert III software for static tests. Training requirements are therefore minimized and laboratory personnel are ready to operate diverse ZwickRoell machine types in a short time.

Description	ArticleNumber
testXpert R test program for single stage fatigue tests	1068210