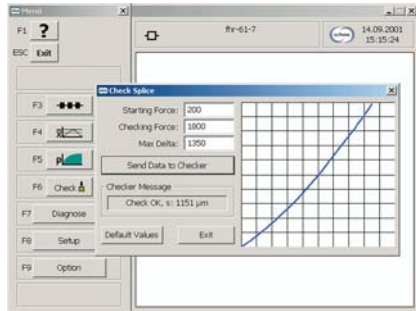


# Schunk Non-Destructive Testing Systems **SPLICE-Checker**

# SPLICE-Checker

## Schunk Non-Destructive Testing Systems



The patented testing system for the determination of the welding quality of ultrasonically welded inline-, end-splices and compacted wire ends is best suited for use at the assembly station.

When the cross section of the welding to be tested is entered, all of the test parameters are automatically called up.

The SPLICE-Checker allows a non-destructive test of ultrasonically welded splices from  $1.5 \text{ mm}^2$  to  $20 \text{ mm}^2$ . This considerably reduces costs that are caused by destructive test methods.

Through linkage with a PC of a Schunk Ultrasonic Welding System test plans can be automated, and the results stored and statistically evaluated. For example, in production, tests can be randomly generated or be carried out at defined intervals. A pre-setting of the corresponding test intervals can be done through the visualization software.

❖ **Minimize Test Costs**

❖ **Non-Destructive Testing of Ultrasonically Welded Splices**

❖ **Supported by Easy to Use Software**  
❖ **Can be Integrated into Schunk Ultrasonic Welding Systems**

The selected splice which is to be tested can be displayed to the user through a visual and an acoustic signal. After the test is completed, the welding process is automatically cleared to resume, in the case of a positive test result, or an error is reported in the case of a fault.

The test method is based on an idea of Lisa Dräxlmaier GmbH.

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