



Stationary measurement and diagnostic technology: **UFPE-Light**

The UFPE-Light is an indispensable measurement tool for testing treads on flat material separations. This critical condition can lead to major damages during operation:

- DB Systemtechnik's technical solution allows users to detect errors by using a mobile and flexible wheelset testing method.

Technical Details

- Reproducible test and test sensitivity in installed state
- Ultrasonic test with wheel set lifting and rotation
- Ultrasonic probes in cardanic mountings, for optimal adaptation to wheel tread
- Manufacturer's certificate according to DQS ISO 9001
- Depth determination of error position in A-picture
- Test wheel in a separate frame as an adjustment body with coupling agent collecting container
- Installed comparative error in the voltage maxima of the wheel-rail contact
- Direct and self-sufficient coupling feed
- Interruption-free power supply to protect the test results
- Intermediate test for flat material separation on maximum voltage
- Ultrasonic tester in compact module design (RACK)
- Test results in evaluation-friendly and structured bar diagram with integrated echo height evaluation
- Measured values: KRS2mm
- Technology: Transmitter / receiver arrangement