

The digital measuring systems listed here are available on request from our ROBEL Holding partner 'Vogel & Plötscher'.

ROMEAS 85.08 PML Laser-based transverse profile measuring system

Automatic capture (incl. evaluation) of the rail transverse profile of rails before/after rail treatment works.

THE ADVANTAGES. YOUR BENEFITS.

- Laser-based capture of the rail transverse profile
- Metal removal measurement
- Measurement and evaluation in real-time
- Comparison of the actual profile to many different target rail profiles
- Comparison of measurements before/after rail treatment
- Complies with EN 13231-2:2020
- Can be integrated into reprofiling machines
- For vignole rails (variant V)
- Option: grooved rail upgrade (variant VG)
- Can be used on most common track gauges



MEASURED PARAMETERS

- Rail transverse profile
- Metal removal

ROMEAS 85.16 RSCM Rail Flaw Testing System

RSCM is an advanced testing system to identify and rate defects (e.g. head checks, squats, cracks, RCF) within the rail near surface.

THE ADVANTAGES. YOUR BENEFITS.

- Detection and analysis of rail flaws down to 7 mm depth
- Unique and innovative technology based on magnetic-flux leakage testing
- Continuous-automatic measurement
- Covers the entire rail head
- Easy and instant data interpretation thanks to "damage heat map"
- Ideal supplement to ultrasonic measurement
- DB user acceptance
- Complies with EN 61000-6-4:2017



PROVIDED DATA

- Location and size/depth of near-surface rail flaws

Calibration and Repair

In line with applicable regulations and for operational safety, measuring equipment is to be tested and calibrated at regular intervals.

Your contact for calibration and repair of measuring instruments and systems:

Vogel & Plötscher GmbH & Co. KG, Geldermannstraße 4, 79206 Breisach, Tel. +49 7667 94 61 00, E-Mail. info@voploe.de

You can obtain further product information from our worldwide partners, from ROBEL Bahnbaumaschinen GmbH www.robел.com or Vogel & Plötscher GmbH & Co. KG www.vogelundploetscher.de