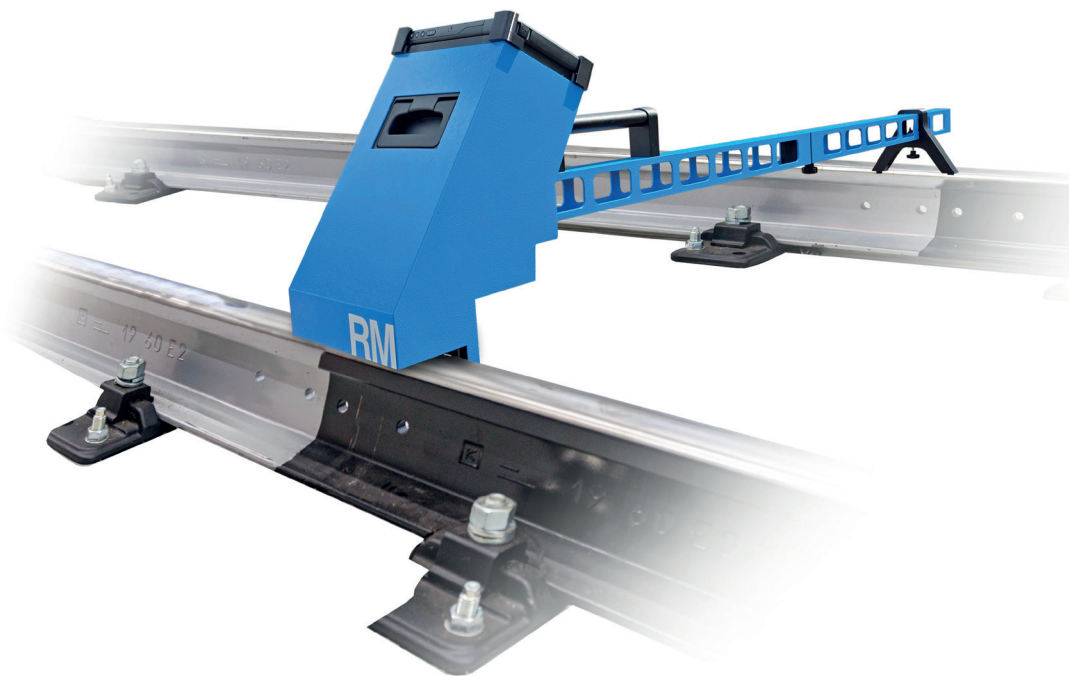


RAIL MEASURING TECHNOLOGY
WHEN ACCURATE MEASUREMENTS MATTER



EasyRail

Rail Wear and Profile

***EasyRail - Rail Wear & Profile portable
measuring instrument
High Accuracy Rail Wear and Profile
measuring instrument based on optical Laser
technology.***

Product description:

Rails are perhaps one of the most expensive assets which railway systems needs to maintain. Wheel rail interaction causes for rails to wear and in order to plan for efficient rail maintenance (including rail treatment and rail replacement if wear exceeds specified limits) accurate rail profile measurements are required to predict rail wear trends and to assess mobile rail treatment requirements (grinding and milling).

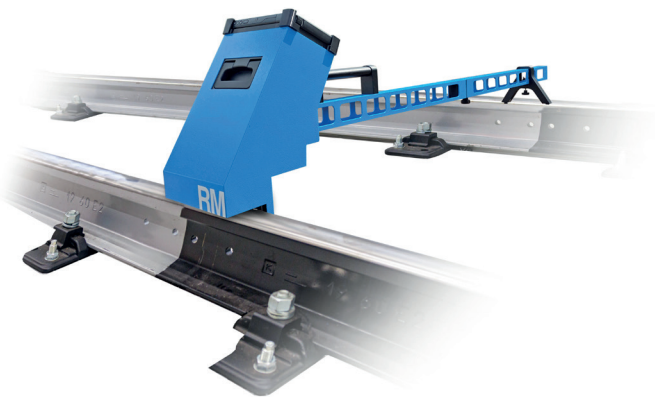
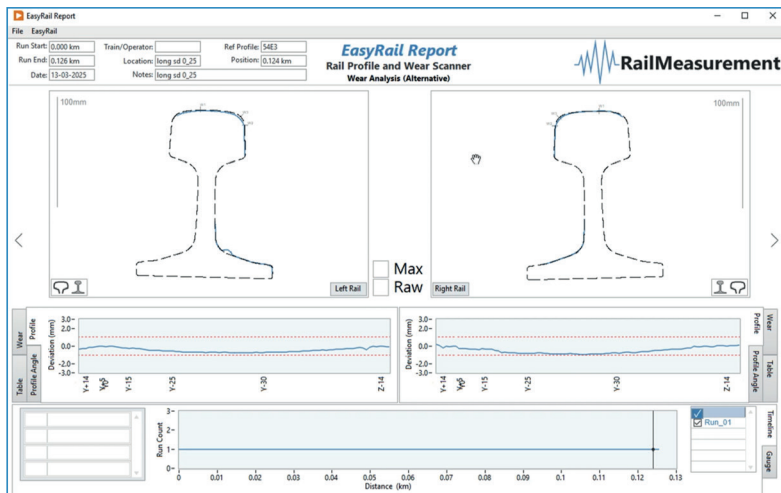
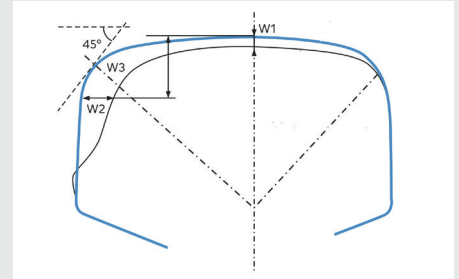
The EasyRail portable is a compact and user-friendly rail profile and wear inspection instrument which can be used on a variety of tracks and gauges.

Applications:

- Monitoring of rail quality
- Detection of rail wear (W1, W2 and W3 values) and deformation
- Assessment of rail grinding and milling quality

Main characteristics:

- Measurements that are highly accurate and repeatable
- Relatively simple installation and setup
- User-friendly software for acquisition and review of measurement data
- Operation through notebook or tablet-pc
- Robust yet light weight design
- Extensive product support



TECHNICAL DATA EasyRail portable

Precision	<0.04 mm	
Laser	Class 3R	Red laser
Output compatibility	EN 13231-2 2020 and equivalents	
Parameters measured	Rail profile, Head wear (W1), Side wear (W2-W3)	
Rail Profiles	Any	Based on customer supply
Track gauge	891-1676mm	Variable track gauge
Weight	~7 kg	
Requirements	24VDC battery is supplied with the instrument Portable toughpad is supplied with the instrument	