

## Main characteristics of the RAILPROF

1. Low weight: about 6.5 kg.
2. Short length: 116 cm.
3. PDA controlled measurements.
4. Measuring length: 1,000 mm in accordance with the CEN standards; sampling interval 5 mm.
5. Measuring time: about 10 sec.
6. Data transfer to PDA and analysis: about 6 sec.
7. Data storage: unlimited on PDA internal memory or Secure Digital (SD)card.
8. Data transfer to desktop PC via Active Sync, memory card, or network.
9. Presentation of measurements on desktop PC via Windows menu; easy to generate reports in for instance pdf format.
10. High accuracy at ambient temperatures between - 10 °C and + 40 °C:
  - up to 0.5 mm: better than 0.03 mm;
  - beyond 0.5 mm: better than 5%.

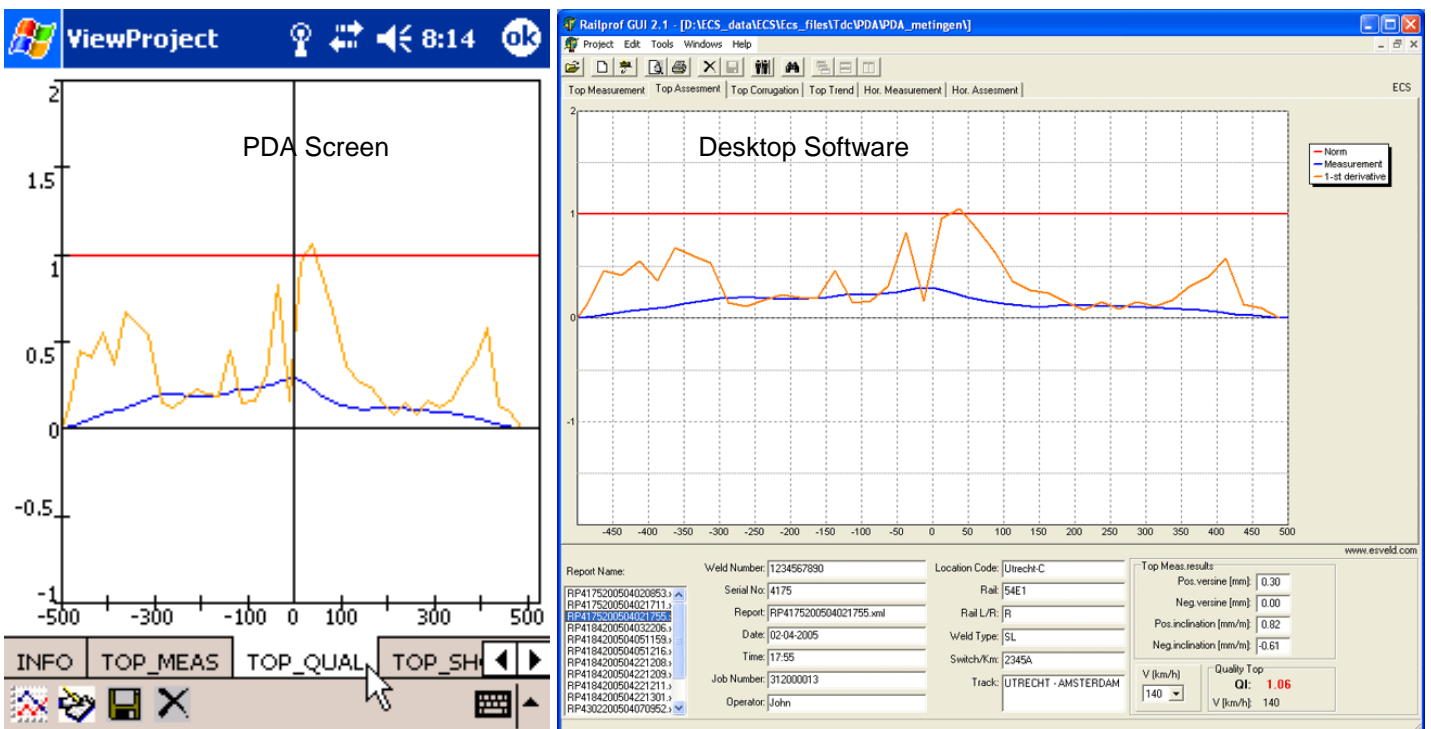
The results are not influenced by moisture, rust, dirt or magnetic fields due to the eddy current measurement principle; the real metal surface is measured.

11. Warranty: 12 months.



## Applications:

- Checking and acceptance of flash butt welds, thermit welds and glued insulated joints;
- Positioning of rails before welding;
- Production of glued insulated joints;
- Assessment of corrugations;
- Monitoring progress of grinding process;
- Acceptance of grinding work;
- Acceptance of rails for longitudinal geometry, including straightness of rail ends.



## ECS

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