

Are you familiar with our industrial-grade accredited inspection services?

- Accredited laboratory in line with DIN EN ISO / IEC 17025, to qualify and validate new non-destructive testing (NDT) processes for industrial applications
- Accelerated time-to-market and opportunity for qualified, norm-compliant deployment in industrial applications as well as for complete new in-house developments or custom adaptation of innovative NDT technologies, even in fields where norms have not been established
- Certification of the corresponding quality management system in accordance with DIN EN ISO 9001

Contact

Fraunhofer Institute for Nondestructive
Testing IZFP

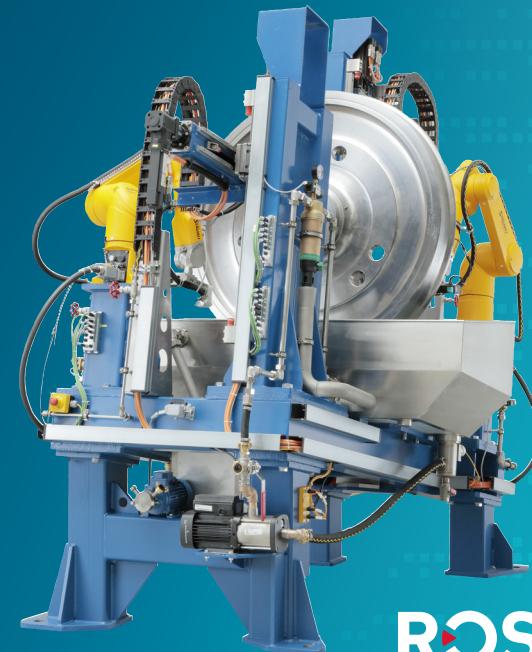
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 **Fraunhofer**
IZFP

Sensor and Data Systems for Safety,
Sustainability and Efficiency



ROSEN

empowered by technology

Railway wheel inspection system

RAWIS



RAWIS – System for Railway Wheel Inspection

Railway wheels under scrutiny

Fraunhofer IZFP and ROSEN develop a new railway wheel inspection system

Fraunhofer IZFP develops monitoring instruments and systems for nondestructive inspection and maintenance. Wherever injuries may affect people, infrastructure, and environment or jeopardize transport vehicles and their cargo, our industrial-grade solutions come into operation.

This also ensures and optimizes a smooth track and rail traffic. We provide inspection system platforms to enhance the quality and availability of wheels, wheel sets, rails and overhead wires. Fraunhofer IZFP is endowed with long-time expertise on wheel inspection systems working in permanent

operation in railway stations or manufacturing industry.

ROSEN's business line Industrial Diagnostics develops customized nondestructive testing systems for the steel, pipe, and railway industries. In order to provide the best service possible, ROSEN works together with the Fraunhofer Institute for Nondestructive Testing IZFP.

With RAWIS (Railway Wheel Inspection System), Fraunhofer IZFP and ROSEN designed an innovative and modular inspection system for the automated ultrasonic testing of railway wheels during the manufacturing process.

