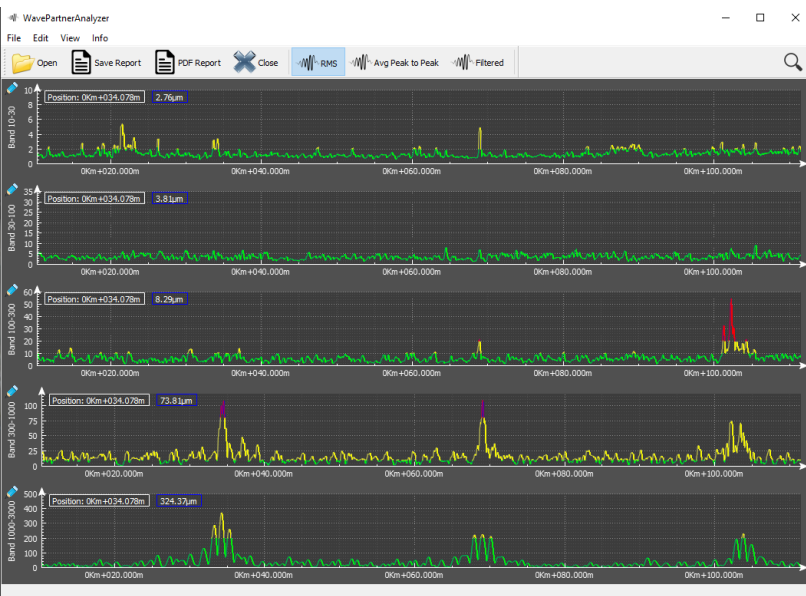




RVC 1000

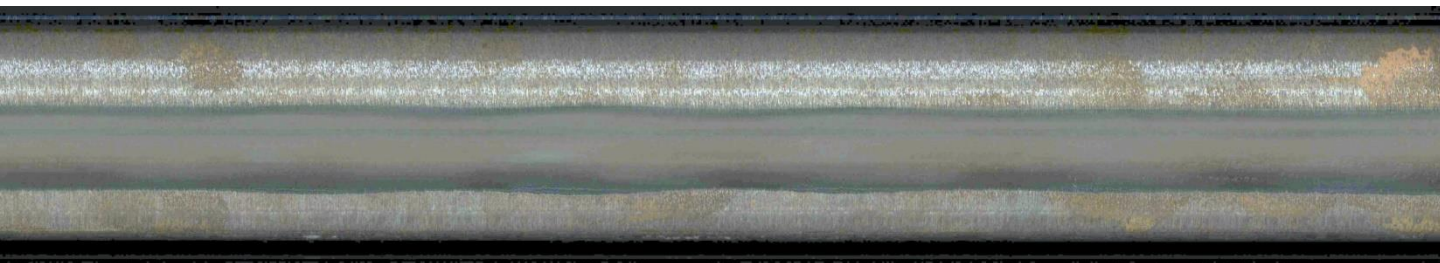


*RVC 1000 Corrugation Analysis and Top Rail
Video Inspection Trolley for track and switch.
Artificial intelligence software for the
recognition of defects on the top of the rail.*



RVC 1000 is an innovative **Rail Corrugation and TopRail Video Inspection Trolley** capable not only to provide an accurate and reliable measurement of longitudinal wear but also linking it to a high-definition image of the rail surface. The “In Office” software allows the operator to analyze the acquisition and produce a detailed report. The thresholds are configurable and the image, thanks to artificial intelligence algorithms, can be analyzed in order to report the rail surface defect.

TECHNICAL INFORMATION	
Step Acquisition	1 or 2mm
Measurement Speed	Up to 5Km/h
Displacement Precision	0.01 μm
Repeatability	1μm Certification obtained November 2019 by National Institute of Metrology China
Wavelength	10-30mm, 30-100 mm, 10-300 mm ,300-1000mm
Compatible With	EN 13231-3 2012 JJF1035-2011 GB/T 1958-2017
Cameral resolution	0.2mm/pixel
Illuminating System	Led
PC	Rugged PC
Working Temperature	-5°C to +50°C



Rail Surface Acquired with Internal Camera

RMT

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