



PROTRAN
TECHNOLOGY

A Harsco Rail Company



Deployed full track geometry trolley

Main Parameters:

- Gauge
- Superelevation
- Lining
- Surface
- Curvature

Options:

- Rail Wear
- Clearance Gauge
- Third rail position
- Corrugation
- Video capability

Full Track Geometry Testing Trolley

Full Track Geometry Testing Push Trolley

State-of-the-art art modular measurement trolley, which can cover the monitoring of parameters of track, rails and other infrastructure objects

The Full Track Geometry Testing Trolley is a compact, computerized, track geometry measurement system capable of measuring most standard track geometry parameters on both a limited and continuous basis. Using the onboard high capacity battery, the Track Geometry Testing Trolley can conduct spot verification of previous measurements or conduct evaluations of track segments which are not measured via traditional methods in nearly any weather condition.

The onboard processing unit processes measurements in real-time and displays results to the user. Measurements are saved in files for later retrieval and use.



Track Geometry Testing Trolley

Full Track Geometry Testing Platform

Manual Trolley Diagnostic System is an advanced version of the track geometry inspection trolleys and provides a wider range of the track geometry measurements. In addition to all the standard geometry channels that can be measured by the trolley, additional options can be added to measure the following:

Available Add-On Options
Corrugation
3D scanning of infrastructure clearances, including clearances of bridges, tunnels, and clearance profile
Comprehensive video monitoring of the track
Inspection of horizontal wear
Third rail measurement system



Full track geometry trolley