



LINSPECT-TG

Battery Operated Portable Track Geometry measurement system

The Trolley is designed for measurement of track and turnout geometry. The Gauge accurately measure Track Gauge, Cant, Twist and distance covered by trolley and Twist in the tracks.

The track geometry data is sent to a android/windows tablet for collecting the information, calculate the Alignment and Unevenness from the data and storing it. This data can be represented graphically on the tablet, exported to CSV format for use in Excel, and used to generate detailed turnout measurement reports.



Prominent Features: -

- Compact device and easy to disassemble.
- Measures track geometry like Gauge, Cant and distance.
- The system calculate Track Twist, Gradient, Turnout Twist and Localisation.
- LED display for instant display of gauge and cant.
- Facility to record geometry up to 100Km of length.
- User selectable sample interval from 0.03m to 10m.
- Data can be viewed in graphical format as well as result format with statistics.
- All data can be exported to CSV format for further analysis.
- The Device uses rechargeable battery.
- The trolley records the measured track section route using its built-in GPS receiver.



Technical Specifications:-

Make	Electronica
Model	Linspect-TG
Track Gauge	Range (-25mm, +50mm) Resolution - 0.1 mm Accuracy - ± 1 mm
Cross Level	Range - ± 250 mm Resolution - 0.3 mm Accuracy - ± 1 mm
Unevenness	Range - ± 50 mm Accuracy - ± 1 mm / 10 meter Chord
Alignment	Resolution - ± 200 mm Accuracy - ± 1 mm / 10 meter Chord (For straight section)
Versine	Accuracy - ± 1 mm / 10 meter Chord (For curved track)
Data sampling range	0.031m to 1.0m (User selectable).
Battery Charging	18V Charging Port

Our other Digital Measurement Instruments for Rail wheel Inspection



PROFISPECT-W



DIASPECT - W

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Owing to continuous product Research & Development, design specifications are liable to change.