



LINSPECT - TR Plus

Trolley for Measuring Track geometry

Trolley for measuring Track geometry is a precise and accurate measuring gauge for measuring track gauge, Super elevation or Cant or Cross levels, distance covered by trolley and Twist in the tracks. The track geometry data is sent to a Rugged android/Windows Tablet for collecting the information, calculate the twist from the data and storing it. This data in the tablet can then be represented in graphical format as well as exported to CSV file format which can then be used in excel.



Prominent Features: -

- Compact device and easy to assemble/disassemble.
- Measures track geometry like Gauge, Cant and distance.
- Android application will calculate the track twist.
- LED display for instant display of gauge and cant.
- Facility to record geometry up to 100Km of length.
- User selectable sample interval from 0.1m 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.
- Real time GPS location recording.



Technical Specifications:-

Make	Electronica
Model	LINSPECT - TR Plus
Gauge	Range - 1676mm (+50mm, -25mm) Resolution - 0.1 mm Accuracy - ± 1 mm
Cant (Super elevation)	Range - ± 200 mm Resolution - 0.1 mm Accuracy - ± 1 mm (static) Accuracy - ± 1.5 mm (dynamic)
Twist (Calculations in Application)	Range - ± 200 mm Resolution - 0.5 mm Accuracy - ± 1 mm
Distance	Resolution - 50 mm Accuracy - ± 1 % Data sampling range - 0.1m, 0.2m, 0.25m, 0.5m, 1.0m
Power	Integrated rechargeable Battery in the system.
Battery Charging provision	18V Charging Port
Operating Temp	-10° C to 45° C.

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.