



TRACK GEOMETRY AND VERSINE MEASURING AND RECORDING TROLLEY

Advanced equipment for track measuring and control



Extensive control of track geometry

Precision measuring and data storage system

Light and easy to set up on site



Your benefits

- Measurement and display of all track geometry data on smartphone and transfer to PC Storage system
- Continuous data collection of all parameters at variable sample rate to maintain conformity with the local track standards
- Light and portable, the track geometry trolley can be easily folded for carrying to site. It is quick and easy to set up on track

Specifications

Display	All measurements displayed on smartphone
Measurements	<ul style="list-style-type: none"> • Gauge • Crosslevel • Twist • Horizontal and vertical alignment • Distance
Contact point	0-0.5 in. (0-14 mm) below rail running surface
Gauges	Available for all gauges
Autonomy	> 10 hours
Operating Temperature	23 °F to 12 °F (-5 °C to +50 °C)
Weight	57 lbs (26 kg)



Technological advantages

- Real-time measurement, display and easy reading of digital data on the Smartphone/PDA
- 16 ft. (5 m) long measurement arm for precise alignment measurement
- Smartphone/PDA with GPS enabling correlation of collected measurements with geographical position
- Autonomy: 20h for the Topaz ; 10h for the Smartphone/PDA (extended autonomy with additional battery)
- Two tolerance levels for each parameter with audible and visible alarms
- Simultaneous twist calculation with two bases
- Precision portable digital system based upon the latest technologies: Android smartphone with touchscreen; TFT high-brightness screen for optimal all weather readability; Bluetooth® link ; data stored in the Smartphone/ PDA memory or on optional SD card for easy transfer on PC. Possible Bluetooth® data transfer from Smartphone/PDA by mail. Colour coded report (HTML) of all exceedances generated in addition to file of all data.
- Rigid aluminium chassis
- Including transportation storage case for added protection installation CD for PC
- Delivered with specific software for track geometry analysis « DAS »

