



# GOLDSCHMIDT

Smart Rail Solutions



## **TRACKSCAN COMPACT**

### **CONTINUOUS TRACK GEOMETRY MEASUREMENT WITH EASY TO USE TROLLEY**

The Trackscan Compact trolley excels in measuring all fundamental track geometries, including track gauge, cant, horizontal and vertical irregularities. It also calculates critical parameters such as twist and gradient, ensuring a thorough track geometry assessment. Measurement results can be viewed and analysed directly on the supplied Android™ tablet, which also allows the user to generate reports.

# TECHNICAL DATA

## SPECIFICATIONS

Measured parameters		
Track gauge	Accuracy: $\pm 0.5$ mm	Measurement range: -15 ... +50 mm
Cant	Accuracy: $\pm 1.5$ mm	Measurement range: $\pm 200$ mm
Horizontal irregularities	Accuracy: $\pm 0.2$ mm / 1 m	Measurement range: $\pm 5$ mm
Vertical irregularities	Accuracy: $\pm 0.2$ mm / 1 m	Measurement range: $\pm 2$ mm
Calculated parameters		
Twist	Accuracy: $\pm 3$ mm	
Gradient	Accuracy: $\pm 1$ mm	
Measuring increment	0.25 m	
Types of rails	Vignol or groove	
Dimensions (L x H x W)	1850 x 870 x 1050 mm	
Weight	26 kg	
Memory capacity	3 000 km	
Operating time	Up to 4 h	
Resolution	0.1 mm	
Operating conditions	Temperature: -20 ... +45 °C	
	Humidity: 15 ... 85 %, no condensation	

## CONTENTS

- Trackscan Compact
- Android™ tablet
- Batteries
- Chargers
- Transport box
- Dari® software, one licence
- Free Trackscan Compact app for the mobile device in the Google Play store

## BENEFITS

- Instant Reporting: Get immediate PDF reports right after measurement completion
- Summary of measurements: Reports in PDF format available immediately after the measurement
- Unmatched Speed in Track Geometry Measurement: Delivers crucial track condition data with rapid precision
- Integrated GPS: Log measurement coordinates with pinpoint accuracy for seamless track mapping
- Visual Inspection: Capture and document inspection results effortlessly for in-depth track evaluation
- Dependable Data Accuracy: Maintain measurement integrity in all environmental conditions
- Clear Data Display: Guarantee data readability in all light conditions with a specialized display screen
- Uninterrupted Power: Ensure ongoing measurements with hot-swappable batteries for constant operation
- Swift Track Removal: Quickly remove the trolley from the track without disrupting the measurement session
- Versatile Gauge Solutions: Available for the standard 1435 mm gauge, with custom gauges available upon request
- Software Suite: Export data to various formats like MS Excel, MS Word, PDF, DXF, and CSV for extensive analysis and in-depth reporting

10/2024 © P.U.T. GRAM SP. Z O.O. - A GOLDSCHMIDT COMPANY, Gliwice, Poland  
Images: Christoph Busse (p. 1); Krzysztof Mikołajczyk (p. 2)  
Android and Google Play are trademarks of Google LLC

