



TRACKGAUGE SOLAR

THE EASIEST AND FASTEST WAY TO MEASURE TRACK AND SWITCH GEOMETRY

The Trackgauge Solar device offers the quickest and most convenient method for measuring track and switch geometry. Engineered for efficiency and ease of use, this innovative device revolutionizes the way track measurements are conducted. The device is designed to deliver rapid measurements, allowing users to gather accurate data with minimal effort. This efficiency is particularly valuable in the fast-paced environment of rail maintenance, where time is often of the essence.

TECHNICAL DATA

SPECIFICATIONS

Measured parameters		
Track gauge	Accuracy: ± 0.3 mm	Measurement range: -20 ... +50 mm
Cant	Accuracy: ± 0.5 mm	Measurement range: ± 250 mm
Left/right flangeways (groove)	Accuracy: ± 0.4 mm	Measurement range: 26 ... 75 mm
Calculated parameters		
Twist	Accuracy: ± 1 mm	
Gradient	Accuracy: ± 0.6 mm	
Measuring increment	0.5 m; 1.0 m; 5.0 m; 10.0 m	
Types of rails	Vignol or groove	
Dimensions (L x H x W)	1660 x 250 x 115 mm	
Weight	2.8 kg	
Memory capacity	8 000 measurement files	
Operating time	Up to 20 h	
Operating conditions	Temperature: -20 ... +45 °C	
	Humidity: 15 ... 85 %, no condensation	

CONTENTS

- Trackgauge Solar
- 2 AA rechargeable batteries
- Transport box

BENEFITS

- Extended Operation Time: Solar panel extends operating time in the right conditions
- Clear Data Display: Guarantee data readability in all light conditions with a specialized display screen
- Dependable Data Accuracy: Maintain measurement integrity in all environmental conditions
- User-Friendly: Designed for easy one-man operation
- Versatile Gauge Solutions: Available for the standard 1435 mm gauge, with custom gauges available upon request
- Software Suite: Collect measurement results and export data to various formats like MS Excel, MS Word, and PDF for extensive analysis and comprehensive in-depth reporting

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