



GOLDSCHMIDT

Smart Rail Solutions



TRACKGAUGE DIGITAL

SMART MEASUREMENT OF TRACK AND SWITCH GEOMETRY

Modern, lightweight, reliable, easy-to-use and operated via an app on an Android™ device. The geometry data is captured digitally via the Trackgauge Digital App. Information about infrastructure, including visual inspection results, is documented. This data can be analysed directly in the app or in the Dari® cloud database.

TECHNICAL DATA

SPECIFICATIONS

Dimensions (L x W x H)	1 660 x 250 x 115 mm
Weight	2.6 kg
Measuring increment	0.5 m; 1.0 m; 5.0 m and 10.0 m
Gauge (measured)	Accuracy: ± 0.3 mm Measurement ranges: -20 ... +55 mm
Cant (measured)	Accuracy: ± 0.5 mm Measurement ranges: ± 225 mm
Groove width – left and right (measured)	Accuracy: ± 0.4 mm Measurement ranges: 26 ... +200 mm
Calculated parameters	Track twist
Operating time	20 h
Operating conditions	Temperature: -20 °C ... +45 °C Humidity: 15 ... 85 %, no condensation Rain and frost resistant

BENEFITS

- User-friendly operation and measurement reports available in real time in PDF format
- Reliable measurement data acquisition and transfer
- Qualitative assessment of turnout and track geometry directly in the app or in the Dari® cloud database
- Reduced transportation and logistical workload
- Reliable measurement data regardless of actual ambient temperature
- Available for track gauge of 1 435 mm, further track gauges on request

CONTENTS

- Trackgauge Digital device
- Transport box
- Device charger
- Trackgauge Digital App (Android™)
- Cloud based software for data analysis
- Other features on request

