



GOLDSCHMIDT

Smart Rail Solutions



RAILPROFILE 3D

CREATE A 3D MODEL OF YOUR SWITCH MEASUREMENTS

Goldschmidt's Railprofile 3D is a laser measurement device, designed for periodic measurements of turnout profiles. The device is composed of the frame, featuring the rigid datum base, laser measurement head, measuring the shape of the inspected object, and drive system making the automatic transition of the measurement head over the inspected object possible.

TECHNICAL DATA

SPECIFICATIONS

Dimensions (L x W x H)	1 768 x 556 x 443 mm / 69.6 x 21.9 x 17.4 in
Weight	Frame: 29 kg / 63.9 lbs, Measurement head: 13 kg / 28.7 lbs
Accuracy	±0.1 mm
Measured	3D model of the measured object
Duration of a single measurement	3 x 2 min
Memory capacity	100 measurements
Operation time	Up to 2.5 h
Measurement increment	1 ... 10 mm
Operating conditions	Temperature: -10 ... +50 °C / +14 ... +122 °F, Humidity: 15 ... 85 %, no condensation, Rain and frost resistant

BENEFITS

- Consistent measurement results
- High measurement accuracy
- Quick operation
- Software included to analyse and report the measurement data
- Data may be saved in DXF, CSV and ASC formats

CONTENTS

- Measuring head
- Supporting beam
- Light curtains
- Control panel
- Batteries (6 pcs)
- Charger
- Software

ACCESSORIES

- Transport boxes (2 pcs)
- Spray powder (6 pcs)

