



RAILSTRAIGHT COMPACT

ELECTRONIC PRECISION MEASURING TOOL

The precision electronic measuring device inspects the rail's longitudinal profile. RAILSTRAIGHT COMPACT measures physical properties of a weld and compares readings electronically to the specifications set by the railroad owner. RAILSTRAIGHT COMPACT ensures compliance to AREMA Chapter 4 recommendations on finish grind tolerances.

RELIABLE AND PRECISE

The RAILSTRAIGHT COMPACT measures and records the finished grind straightness of welded rail joints. With the use of the GOLDSCHMIDT DIGITAL APP, the RAILSTRAIGHT COMPACT indicates whether the rails are within allowable tolerances and produces an electronic weld report displaying weld information. This precise measuring tool is the perfect instrument for the inspection of welds in existing and in new track construction, and the inspection of wear on insulated rail joints, where rider comfort and increased safety is of the utmost importance.



**GOLDSCHMIDT
DIGITAL APP**



RAIL JOINING

RAIL SERVICES

MEASUREMENT

TOOLS & MACHINES

EQUIPMENT

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GOLDSCHMIDT
THERMIT GROUP

OVERVIEW OF RAILSTRAIGHT COMPACT

Feature	Function	Benefit
Bluetooth interface	Remote control operation via smartphone or tablet using the GOLDSCHMIDT DIGITAL APP	Complete electronic documentation with the GOLDSCHMIDT DIGITAL APP
GOLDSCHMIDT DIGITAL APP	Measurement reports can be exported as a CSV or PDF; evaluation of measurements according to customer specifications	Quick evaluation and easy transmission of measurement results; tamper proof reporting
Measurement of longitudinal profiles	Horizontal resolution: 500 measuring points per yard	High track reliability through confirmation of precise track geometry
Precise vertical accuracy	Confirmation of precise track geometry	Reduction of rail and wheel wear
Measurement length: 3 ft.	Measurement of running surface and gauge corner	Exact measurement of surface profile with digital report
High performance, rechargeable lithium-ion battery plus external power supply slot for AA batteries	Long battery life capable of at least 400 measurements with internal battery and 300 measurements with external power supply	Will remain charged for the entire shift
Rail temperature operating range: 0°F–140°F (-18°C–60°C)	Measuring of the THERMIT® weld	Suitable for construction sites

Basic device

- » RAILSTRAIGHT device with integrated lithium-ion battery
- » 2 silicone caps
- » Green reference measuring bar
- » Neoprene carrying bag
- » Micro USB charger 110 V

Optional Features

- » BT-11 Bluetooth thermometer
- » Aluminium transport box
- » Car charging cable, 12 V
- » AA batteries and battery charger
- » Magnetic holder on the side of the measuring device
- » Smartphone/tablet



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