

MM-262-01

SAFE CHECK

RG-1



- **Quick measurement**

The track gauge is easy to use and measurement is very quick thanks to the unique hand grip.

- **Clear display**

SafeCheck can be used both day and night thanks to an excellent display illumination. It is an ideal measuring tool for railway engineers.

- **Withstands moisture**

Weatherproof enclosure to prevent problems regardless of weather conditions.

The SafeCheck RG-1 digital track gauge is mainly used to measure track gauge, super-elevation (Cant), check rail gauge (TG) and back-to-back distance (BtB). Intended for measurement where the train speed is ≤ 250 km/h.

Technical specification

- Track Gauge 1410 - 1470 mm
- Check rail gauge: 1381 - 1401 mm
- Back-to-back distance: 1338 - 1358 mm
- Superelevation: -185 - +185 mm
- Display: OLED
- Power voltage: 3.4 - 5.2 VDC (Rechargeable battery)
- Temperature range: -30°C - +55°C
- Insulation performance: $> 1\text{M}\Omega$
- Weight: 2.75 Kg
- Length: < 1600 mm

Minimum measurable dimensions:

- Superelevation: 0.1 mm
- Track Gauge: 0.01 mm

"Our previous track gauge messed up and was very sensitive to moisture, so we bought an RG-1 for evaluation and couldn't be happier. Better water resistance, clearer display, easy to use and smooth charging."

- Anton Andersson, Infrakraft AB, Sweden



Carrying bag included
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