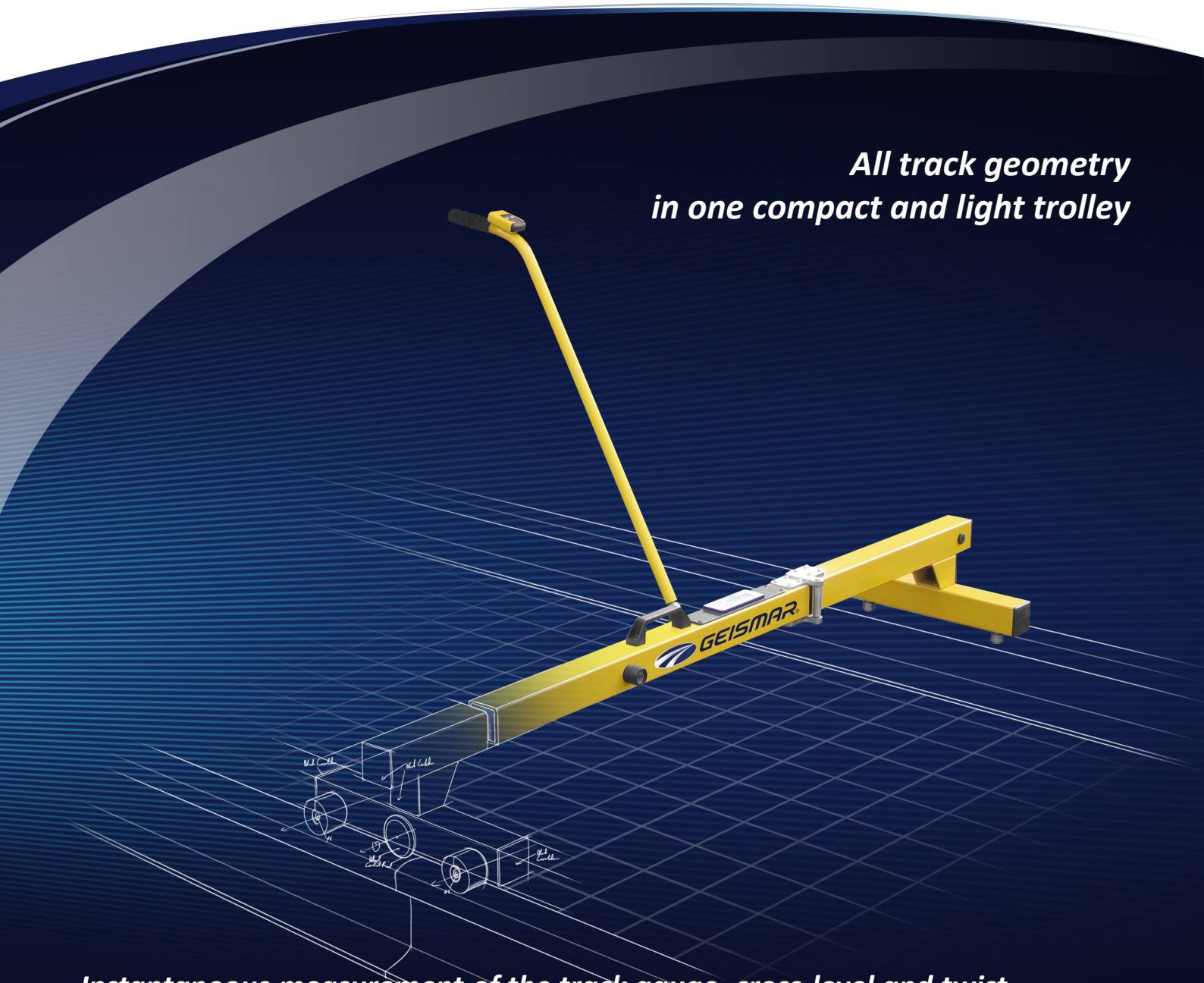
MANUAL TRACK RECORDING UNIT

AMBER

All track geometry
in one compact and light trolley



Instantaneous measurement of the track gauge, cross-level and twist

Smartphone / PDA control and geolocation

Manoeuvrability and ease of use

GEISMAR®

MANUAL TRACK RECORDING UNIT

AMBER

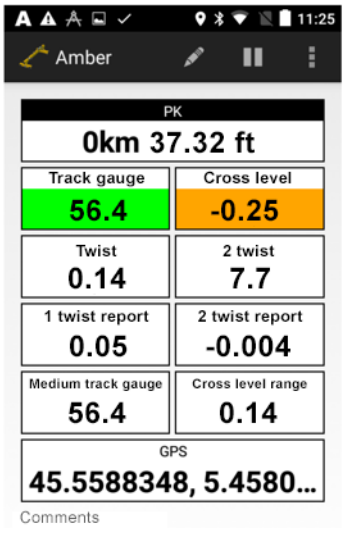
ESS
Safety, Survey, Test & Measurement

Your benefits

- Lightweight and easily foldable trolley to be carried in a car boot
- Simply use and instantaneous measurement
- Data display on Smartphone/PDA via Bluetooth or Wifi signal
- GPS enabling the collected data linked to a physical location
- No electrical disturbances in rail due to plastic running rollers and glass reinforced plastic tubes
- Audible alarm in case of measurement goes over a tolerance threshold

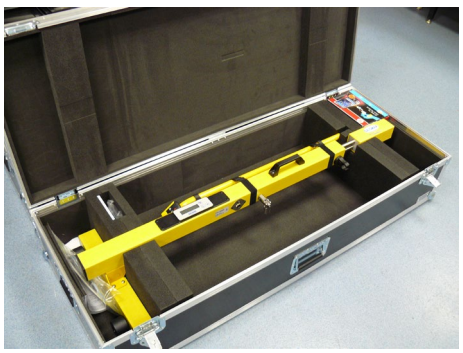
Standard kit content

- Trolley
- Smartphone/PDA Android
- Rugged transport case



Specifications

Screen	4,7 in., IP68 1,280 x 720 pixels touchscreen
Memory capacity	Approx. 4 000 km/Go (8 samples/m)
Track geometry parameters	Track gauge Cross level Twist Travelled distance
Resolution	Track gauge: ± 0.1 mm (0,004 in.) Cross-level: ± 0.1 mm Twist: ± 0.1 mm Travelled distance: 10 mm (0,4 in.)
Accuracy	Track gauge: ± 0.1 mm Cross-level: ± 0.1 mm Twist: ± 1.5 mm (0,059 in.) Travelled distance: < 5 mm/m
Data processing	MS Excel® or GEISMAR DAS
Autonomy	30 h
Contact point	14 mm (flat bottom rail) (0,55 in.) 9 mm (grooved rail) (0,35 in.)
Mass	Approx. 11 kg (24 lbs.)
Languages (other on request)	English, French, Spanish, Italian, German
Operating temperature	-20 °C to +55 °C (-4°F to 131°F)
Track gauge	1,000 to 1,676 mm (29 to 66 in.)



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Proprietary GEISMAR | October 2020 | We reserve the right to make any alteration or improvement deemed necessary to this equipment. Illustrations may include optional equipment and are not contractual.

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