

amber

MANUAL TRACK RECORDING UNIT

*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*

GEIMS
GEISMAR ELECTRONIC MEASURING SYSTEMS

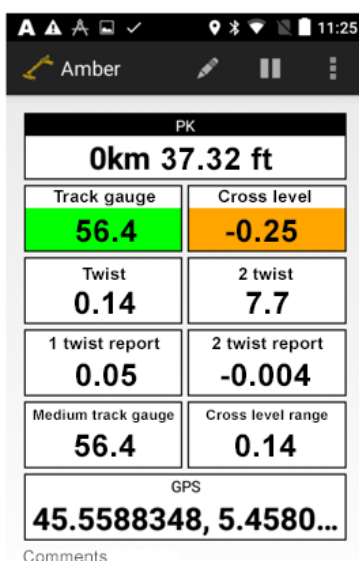
 **GEISMAR**

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	≈ 2,485 mi. (4,000 km)/Gb (8 samples/m)
Track geometry parameters	<ul style="list-style-type: none"> • Track gauge • Cross level • Twist • Travelled distance
Resolution	<ul style="list-style-type: none"> • Track gauge: ± 0,004 in. (0.1 mm) • Cross-level: ± 0,004 in. • Twist: ± 0,004 in. • Travelled distance: 0,4 in. (10 mm)
Accuracy	<ul style="list-style-type: none"> • Track gauge: ± 0,004 in. (0.1 mm) • Cross-level: ± 0,004 in. • Twist: ± 0,059 in. (1.5 mm) • Travelled distance: < 0.2 in./m (5 mm/m)
Data processing	MS Excel® or GEISMAR DAS
Autonomy	30 h
Contact point	0,55 in. (flat bottom rail) (14 mm) 0,35 in. (grooved rail) (9 mm)
Mass	≈ 24 lbs. (11 kg)
Languages (other on request)	English, French, Spanish, Italian, German
Operating temperature	-4°F to 131°F (-20 °C to +55 °C)
Track gauge	29 to 66 in. (1,000 to 1,676 mm)