

# 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*



# MANUAL TRACK RECORDING UNIT

AMBER

## 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



Amber	
PK	
0km 37.32 ft	
Track gauge	Cross level
56.4	-0.25
Twist	2 twist
0.14	7.7
1 twist report	2 twist report
0.05	-0.004
Medium track gauge	Cross level range
56.4	0.14
GPS	
45.5588348, 5.4580...	
Comments	

## 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: $\pm 0.1$ mm (0,004 in.) Cross-level: $\pm 0.1$ mm Twist: $\pm 0.1$ mm Travelled distance: 10 mm (0,4 in.)
Accuracy	Track gauge: $\pm 0.1$ mm Cross-level: $\pm 0.1$ mm Twist: $\pm 1.5$ 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.)

