

## GAPMAN

### Walking Profilometer

GAPMAN road roughness and profile measuring profilometer measures and displays the various profile parameters, including the average angle of inclination, the rut depth of a road and International Roughness Index (IRI) and more. In IRI measurement mode the profilometers display the average IRI value of the last covered surface meter.



The portable walking profiler GAPMAN includes a control and a sensor module that are connected by an adjustable length handle. The device is on wheels and can easily be rolled across the measured surface by a single operator.

The control module includes a number of setup and control options, and displays the recent measurement results. Different measuring modes can be selected to determine how to calculate the value and position of the maximum deviation for the profile.

GAPMAN comes with an integrated GPS module that stores the coordinates of each measurement location. All measured data is stored and can be downloaded to a computer via USB or Bluetooth connection.

GAPMAN is rated IP65 under the international IEC 60529 standard and are splash and dust proof.

#### GAPMAN Features and Benefits

- Lightweight
- Wheeled across a measured surface by a single operator
- Selectable setup and control options
- IRI measurement mode
- Real-time calculation and display of surface profile parameters
- Integrated GPS unit determines and stores measurement locations
- USB or Bluetooth computer connection

Parameter	Units	Value
Data storage capacity	km	40
Profile measuring step	mm	100
Profile height measuring resolution	mm	0.1
Maximum slope	°	+/- 30
Slope measurement resolution	°	0.01
Power supply		2x AA alkaline batteries
Operating time on battery power	hour	18, with GPS powered on
Operating temperature	°C	-10 to 50
Size	cm	70 x 40 x 20
Weight	kg	3
Protection		IP65