



Walking Profiler G3

High precision measurements at true walking speeds.

The Walking Profiler (WP) G3 produces outputs from longitudinal pavement profile, providing International Roughness Index (IRI), Macrotexture (MPD) as an optional parameter and Distance.

Differing from previous generations, the WP G3 utilizes a tri-axial accelerometer mounted on a rolling platform, to enable rapid and continuous measurement of longitudinal profile. This platform is free-floating and independent to the supporting carriage, which means it is less susceptible to operator induced error.

Data can be collected at variable speeds up to 3.1mph /hr and is controlled by an Android tablet. Real-time results are displayed on the screen, in both tabulated and graphical form, allowing for on-site decision making.

Applications

- Provides outputs of IRI, longitudinal profile and distance.
- Reference tool for validating and assessing high speed profilers.
- Suitable for many surfaces, including paved roads and footpaths, airfields and runways, bridges and carparks.

Features

- World Bank Class 1 Profilometry device.
- Varying collection speed options.
- Optional laser for MPD texture measurement.
- Android tablet operation.
- Bluetooth connectivity.
- Outputs of .ERD and .PPF files, for use in ProVAL.

Standards Compliance

- ASTM E1656
- AGPT-T450-07
- EN 13036-5
- EN 13036-6
- ISO 13473-1



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