

The Walking Profiler G3 is a high-precision measurement instrument for collecting surface condition information, at true walking speed.



WALKING PROFILER G3

The Walking Profiler (WP) G3 produces outputs from pavement profile, providing International Roughness Index (IRI), MPD texture (as an optional parameter) and distance. Differing from previous generations, the WP unit utilises a tri-axial accelerometer mounted on a rolling platform, to enable measurement of longitudinal profile. This platform is separate to the carriage, which means it is less susceptible to operator induced error.

Data can be collected at variable speeds up to 5km/hr and is controlled by an Android tablet. Real-time results are displayed on the screen, allowing for on-site decision making.

Applications

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

PRECISION PROFILING TOOL FOR CLASS 1 APPLICATIONS

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

Components

- Walking Profiler G3 unit
- Android tablet
- Battery charger
- Calibration plate and block
- Transportation case



PAVEMENT MANAGEMENT INTELLIGENCE

Automated Road Rehabilitation Business Systems Pty. Ltd. Trading as ARRB Systems
25 Kingsley Close, Rowville VIC 3178 AUSTRALIA | info@arrbsystems.com | +613 8595 6000