

Equipment

About ARRB:

ARRB Group Ltd (ARRB) provides research, consulting and information services to the road and transport industry. ARRB applies research outcomes to develop equipment that collects road and traffic information and software that assists with decision making across road networks. ARRB is the leading provider of road research and best practice workshops in Australia.

ARRB Group Ltd

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MATERIALS, PAVEMENT & CONCRETE DESIGN & TESTING | TRANSPORT POLICY, OPERATIONS & ECONOMICS | INFRASTRUCTURE ASSET MANAGEMENT | EQUIPMENT MANUFACTURE & DATA COLLECTION SERVICES | SAFE SYSTEMS | ROAD SAFETY | TRAFFIC ENGINEERING | HEAVY VEHICLE TESTING & SIMULATION | PARKING | LAND TRANSPORT RESOURCES & INFORMATION | KNOWLEDGE TRANSFER & CAPACITY BUILDING |

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developing innovative road, traffic and transport products utilising the latest technologies

The Systems Division of ARRB Group Ltd has been developing innovative road, traffic and transport products for over 25 years.

During this time, we have gained a world-wide reputation for the delivery of quality products designed to address the specific needs of our users.

Whilst all ARRB products are designed and manufactured in Australia, the majority are sold and commissioned in the international market, which is why we ensure that our products meet both national and international standards.

ARRB's role as the central research facility for the Australian government road authorities demands that we maintain a continuous improvement program for our products, software packages and associated services.

Product range

- Profiling systems for pavement monitoring purposes
- Digital imaging systems for both road and asset management applications
- Road geometry and mapping systems
- Network Survey Vehicles
- Weigh-in-motion systems
- Accelerated pavement testing systems
- Software and data analysis tools

Project level survey products

These affordable profiling products are designed for smaller surveys and quality acceptance tasks, yet maintain the high precision and repeatability provided with all ARRB equipment.

Walking Profiler G2

An efficient and accurate instrument for collecting continuous paved surface information.

Roughometer III

Designed to deliver objective and repeatable road roughness results (IRI), for both sealed and unsealed roads.



Portable survey solutions – Hawkeye 1000 Series

These portable laser profiling and digital imaging systems are designed for convenient mounting and relocation onto most types of passenger and light commercial vehicles. They provide the perfect solution for smaller-scale surveys and road safety applications.

Hawkeye 1000 Digital Laser Profiling Systems

High precision longitudinal road profile, roughness and macro-texture.

Hawkeye 1000 Digital Imaging Systems

Visual capture and location of road and roadside features.

Hawkeye 1000 DUO

Combined laser profiling and digital imaging.



Professional survey solutions – Hawkeye 2000 Series

A complete range of survey products that allow for future scalability and growth, that are designed to meet the most demanding of survey applications.

- Laser profiling
- Digital Imaging Systems
- Gipsi-Trac road geometry
- Data acquisition and processing software
- Mobile Line Reflectivity
- LiDAR Asset Detection

Through our association with other leading international manufacturers of monitoring equipment, we are also able to supply world-class products for pavement strength, skid resistance and reflectivity applications.

