



R3 Series

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## Maptek XR3 Laser Scanner

Versatile system > Extra long range > Accurate deliverables





## Maptek XR3 Laser Scanner

Maptek™ XR3 laser scanner is an extra long range survey system combining fast accurate sensing, high resolution digital imagery and powerful modelling software for improving overall productivity and site safety.

The Maptek XR3 is 30% smaller and 25% lighter, with 2.5 times faster data acquisition than the earlier I-Site 8800 series. The system is protected to IP65 for reliable operation in rugged environments.

The system includes a new, improved high dynamic range panoramic camera for better digital imagery. This produces high resolution images for geotechnical analysis and visualisation.

The new Maptek XR3 laser scanner possesses the hallmark automated mine survey workflow favoured by surveyors, geotechnical engineers, geologists and mining engineers. Matched with dedicated software it also generates accurate survey deliverables for civil, forensic, architectural and infrastructure applications.

Integrated software and hardware provide the optimal workflow. Simple field setup and scan preparation makes the entire process faster. Geotechnical engineers and geologists require less time in the field collecting data to undertake geological mapping and geotechnical analysis.

Maptek laser scanning systems can be set up on a tripod or mounted on a vehicle for stop-go or continuous survey. The Maptek XR3 laser scanner is ideal for wall stability monitoring and design conformance.

A modular design allows sites to order a configuration to suit their application.

Maptek laser scanning solutions are developed by a technology provider who understands the survey landscape and adds new, value-in-use functionality

### New Features

- 25% improved range
- 25% lighter
- 30% smaller
- Maximum range 2400m
- 50kHz, 100kHz and 200kHz acquisition rates
- High dynamic range panoramic camera
- Snapshot imagery
- Multi-point returns

### Hallmark Features

- Range accuracy of 5mm
- Repeatability of 4mm
- IP65 protected for tough conditions
- Automated, streamlined survey registration
- Ergonomic industrial design
- Integrated standard controls in a quality design
- Flexible system configuration
- Production facility with ISO 9001 quality certification

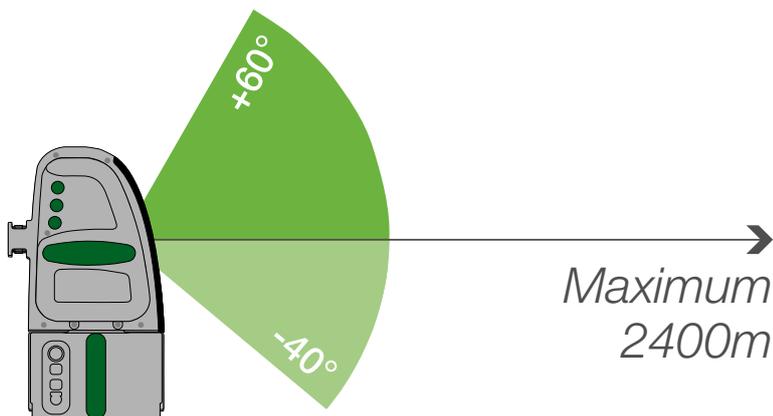


## Reasons to use

- Reliable, repeatable outcomes
- Hardware designed for tough mining environments
- Ergonomic design for safe handling and easy setup
- Integrated, easy to use survey workflow
- Mounting options to suit various applications
- Hardware and software developed concurrently
- Fastest field to finish performance
- Surface, point and global scan registration for accurate results
- Multiple scans queued for maximum field efficiency
- Field review of acquired scans
- Simple data transfer via USB memory stick
- Optional geotechnical/kinematic analysis with specialised module in PointStudio
- Compatible with Maptek Drive, Maptek Sentry and Maptek PerfectDig
- Technical support and warranty protection

## Applications

- Large and medium open pit survey
- Topographic survey
- Stockpile volumetrics
- Stability monitoring and rockfall analysis
- Design conformance
- Pre/post blast analysis
- Geological mapping
- Geotechnical/kinematic analysis
- Erosion and deformation studies



Contact Maptek to request a technical specification sheet



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Maptek XR3 Overview

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