

Metrology Services Provider



YOUR Partner in Innovation for a Tailored Approach

We are committed to working with you to understand your quality control, reverse engineering, 3D measurement and inspection requirements for a wide variety of applications. Once we establish what your specific requirements are, we tailor our service offering to enable you to meet your objectives.



Introducing Australia's FIRST and ONLY ScanBox for service bureau work!

Our in-house ScanBox Series 5 is a versatile and flexible measuring system that can quickly and accurately generate high quality scan data and inspection reports.



An all-in-one solution designed for automated inspection and digitisation of complex parts. The technology is equipped with a rotation table which has the ability to accommodate a maximum load of 2,000 kgs.

- ✓ Speed up inspection times
- ✓ Create digital twins
- ✓ Reduce production costs
- ✓ Scan multiple parts

Boost your quality, streamline your production.

At Scan-Xpress, we offer cutting-edge laser tracker inspection solutions designed to provide unparalleled precision for large-scale and complex components.

Whether you need alignment, dimensional verification, or reverse engineering, our Laser Tracker technology ensures the highest level of accuracy and efficiency for your quality inspection needs.

- ✓ Accuracy 15 microns (0.015mm) + 0.8 microns (0.0008mm) per additional metre
- ✓ Measurement ranges up to 35 metres in single set up
- ✓ Real-time data collection and analysis.



Fast, Accurate 3D Reality Capture.

Additionally, we provide industry leading laser scanning solutions designed to boost productivity, save time and reduce the need for rework.

While in the field, our technology offers highly accurate 3D representations of any environment or object – even in extreme conditions – with real-time, pre-registered feedback through the included Stream App.

- ✓ Provides range of up to 200 metres
- ✓ Boosts field productivity by over 50%, significantly reducing the time spent on site.



Where our 3D Industrial Metrology Systems make an impact.



AUTOMOTIVE

Provides precise, reliable measurements that ensure high-quality manufacturing and streamline production processes.



AEROSPACE

Accurate measurement and alignment of aircraft components and structures to meet strict industry standards.



MEDICAL

Delivers precise measurements that enhance the design, production, and quality control of medical devices and implants.



RAIL & TRANSPORTATION

Inspection and verification of tooling, fixtures, and assembled vehicles or components.



POWER GENERATION

Provides accurate measurements for the inspection and maintenance of critical components.



MINING

Enables precise measurement and inspection of equipment and parts, improving operational efficiency.

Where our Terrestrial Laser Scanner improves data capture.



INDUSTRIAL FACILITY MANAGEMENT

Captures highly accurate 3D scans of buildings and equipment to map out modification planning.



CONSTRUCTION QUALITY CONTROL

Acquires precise 3D scan data that verify as-built conditions against design models to detect deviations.



SURVEYING & MAPPING

Obtains high-resolution 3D data which supports accurate topographic mapping, site analysis, and geospatial documentation.



MINE SURVEYING

Secures exact data sets of tunnel and shafts for accurate volume calculations, stability analysis, and safer operational planning.



PRODUCT DESIGN & ENGINEERING

Gain specific 3D measurements of existing components to support reverse engineering, design validation, and development.



PRODUCTION, FABRICATION, & ASSEMBLY

Verifies part alignment, ensures dimensional accuracy, and streamlines QA processes.



Your unique measurement *challenges*. Our precision *solutions*.

We provide high-precision 3D scanning services using our dedicated Metrology systems at any location across Australia, New Zealand and further afield if required. Here's how we deliver exceptional results:



High Precision

Delivering precise and accurate measurements for small to large-scale components.



Rapid Setup

Our portable measurement systems allow fast setup and fast data acquisition.



Real-Time Feedback

Instant results with data visualisation for fast decision-making.



Comprehensive Reporting

Detailed inspection reports, tailored to your specific requirements.



On-Site or In-House

We offer flexible service options throughout Australia and New Zealand.



Expert Consultation

Our experienced metrologists provide expert consultation and support to optimise your measurement processes.



3D Measurement & Engineering Services

“When it comes to 3D Measurement no project is too small, too large or too complex. We will accept any challenge and passionately get straight to work!”



Turnaround times

Consultation services and turnaround times range typically as follows:

- **Small jobs:** 2-3 days
- **Medium jobs:** 5-7 days
- **Large scale jobs:** 10-20 days

Our team is dedicated to delivering projects effectively and on time.

Contact us to find out more.

A quick look at the services we offer:

Accurate Non-Contact 3D Measurement

- Onsite 3D measurement Services anywhere in Australia, New Zealand or the APAC region
- Offsite 3D measurement services in VIC, NSW and QLD
- Optical and Touch Probe Inspection
- Terrestrial 3D laser mapping services

Rapid Turnaround Reverse Engineering

- Reverse Engineering Free Form / Solid Modelling (deliverables in native & industry standard formats)

Thorough Inspection of Complex Parts

- Inspection of physical parts to 3D CAD and 2D Drawings

3D CAD Design, Drafting & Engineering Services

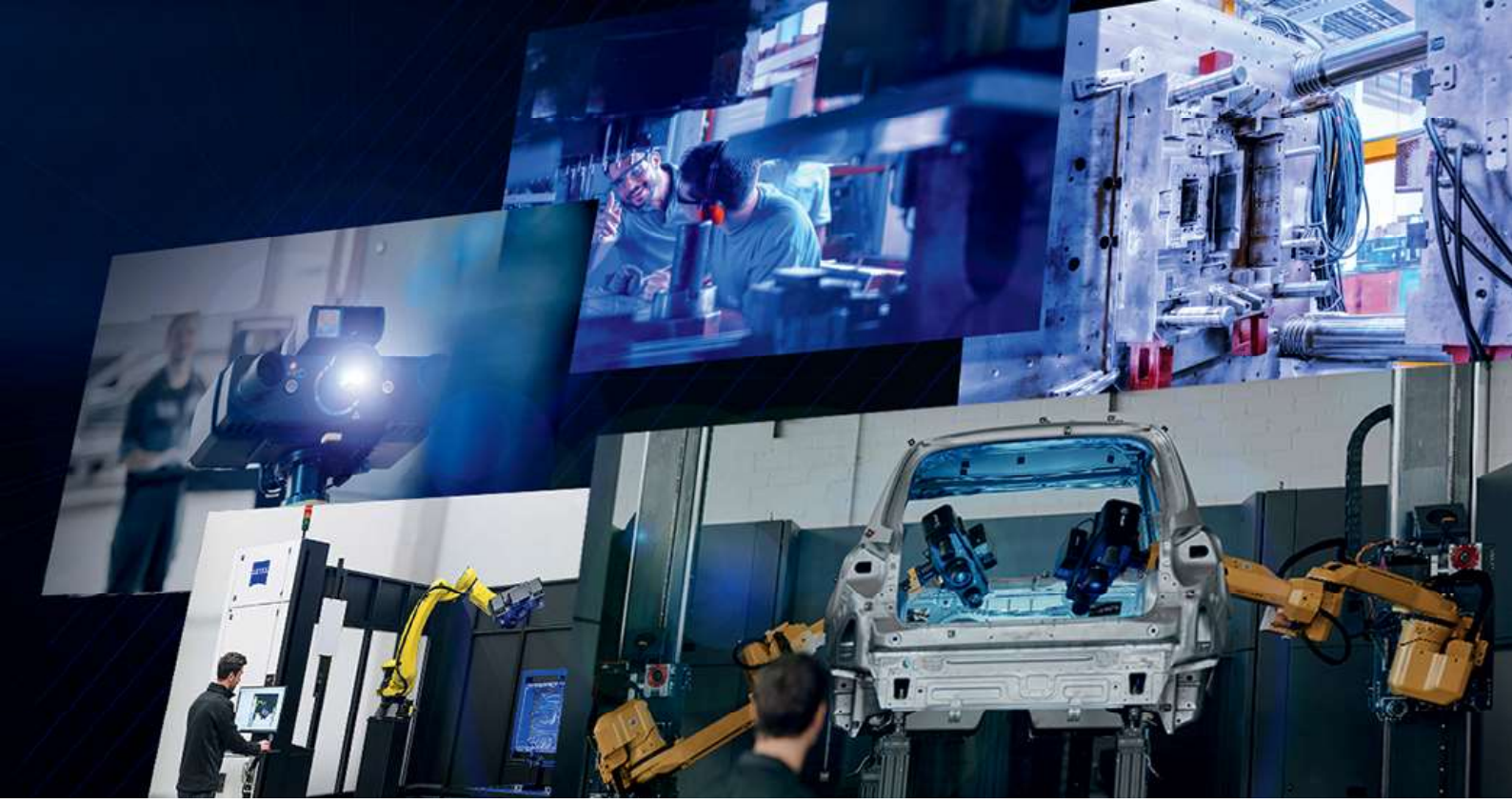
- Manufacturing drawings
- Product and Tooling Design

FEA & CFD Simulation

- FEA and CFD analysis

3D Printing - plastics, metal, clay

- Additive Manufacturing SLS/DMP/DLP
- Rapid Prototyping including SLA, FDM



Why Scan-Xpress is YOUR Partner in Innovation

When precision matters, experience counts.

Established in 1997, Scan-Xpress brings vast years of expertise in 3D metrology, using industry-leading metrology systems to deliver high-accuracy measurement solutions you can trust.

Here's why leading industries rely on us:

- ✓ **Expertise and Experience:** With three decades of experience, our skilled team brings extensive knowledge in 3D metrology ensuring that every project is executed with precision and attention to detail.
- ✓ **Fast Turnaround:** We deliver accurate and timely inspection results, helping you keep your projects on schedule.
- ✓ **Customised Solutions:** Every project is unique. We tailor our services to meet the specific needs and standards of your industry.
- ✓ **Proven Track Record:** We have successfully worked with clients across industries such as aerospace, automotive, energy, shipbuilding, heavy engineering and more.

“ I’m very happy with the support. You guys are only one call away from us! ”

Julius Salcedo - Technical Officer, Berg Engineering

Experience Matters



Contact Scan-Xpress for a Free Consultation

Ready to explore the world of possibilities with our 3D metrology service solutions?
Contact us today for a consultation or to request a customised service quote.

Call: 1300 3D SCAN (1300 337 226) **Email:** info@scan-xpress.com.au

www.scan-xpress.com.au



Offices in MELBOURNE and SYDNEY | Engineers in BRISBANE and PERTH
Providing prompt and reliable support across Australia, New Zealand and APAC region.