

TURNKEY METROLOGY FIXTURE SOLUTIONS

REDEFINING THE MEASUREMENT PROCESS

100 0



WEARE VERUS

LUKE HENNESSY **PERFORMING A TYPE 1** GAUGE R&R ON A BESPOKE **MULTI-STATION FIXTURE**

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MESSAGE FROM THE **CEO**

process, searching for that solution.

At Verus Metrology Partners, we are committed to evolving the technologies used for the metrology inspection process that have, until now, remained unchanged for more than 70 years. From across the globe, clients like you have been coming to us searching for a trusted partner that delivers working metrology solutions. Keeping this in mind, our dedicated metrology experts continue to push the boundaries surrounding the measurement

Our consistent pursuit of market-leading innovation, quality and customer service, backed by investment in our people and processes, has underpinned our double-digit annual growth for more than a decade, as well as a customer base of international stature. Verus Metrology Partners is more than the synergistic expression of our collective expertise. Inherent in the company's initial set up is a widely held philosophy of continuous improvement, building relationships based on partnership, trust and complete customer service.

As a direct result, we have developed a reputation for incorporating innovation into each of our fixtures to improve our clients' metrology machine efficiencies. We have partnered with some of the world's largest MedTech multinationals to solve their metrology challenges.

We take pride in working as a team to achieve the best possible outcomes with clients like you. Thank you for choosing Verus for your Metrology solutions.



ANDREW HODSON CO-FOUNDER AND CEO OF VERUS METROLOGY PARTNERS

OUR HISTORY

When Verus Precision (trading as Verus Metrology Partners) was founded in 2008, Andrew Hodson and Michael Nugent, two expert Toolmakers, had no idea how revolutionary their new "Metrology Hot Desk" would be for the process of measurement and the Medical Technology and FMCG industries.

As founders, each possessed expertise in Toolmaking before specialising in their respective fields of Moldflow Analysis and Dimensional Inspection Metrology. Combined, they have specialist knowledge in the fields of Injection Moulding, Metrology Fixture Design and Metrology Fixture Manufacturing & Assembly. Their collaboration has led to a



OUR HISTORY

niche offering for companies seeking added value at their product design and development stages.

Since 2008, our commitment has resulted in double-digit annual growth as well as a customer base of international stature. Today, we are proud to be the trusted, world-leading provider of Turnkey Metrology Solutions with locations in Sligo, Ireland and Nottingham, UK.

> Verus is one of our top choices when it comes to fixture design and programming due to their knowledgeable staff who have years of experience with CMM and OGP equipment. It's always a pleasure working with the Verus team and we look forward to working with them on future projects!

> > Josephine V. Metrology Engineer MGS Mfg. Group

> > > 6

WHAT WE DO

Verus Metrology Partners have revolutionised the way clients measure their components. That is why we are the trusted metrology turnkey solutions provider to a growing number of the world's leading Medical Technology and FMCG companies.

Specialising in the precise measurement of complex plastic component geometries, we utilise our bespoke metrology fixtures along with our in-house measurement expertise

to allow our client's metrology machines to work faster with improved efficiencies to solve even the most difficult of measurement challenges.

Not only do we offer full turnkey solutions, but our metrology fixtures can come with a life cycle support quarantee, offering support as and when needed. At Verus, we give you peace of mind, knowing that expert advice and technical support is always at hand.

THE VERUS ADVANTAGE

Companies with a diverse array of metrology queries are using Verus solutions - but what our clients all have in common is an understanding of how clever design can maximise efficiency, output and profitability throughout their business.

We ensure our clients can maintain their competitive edge, allowing them to reduce their costs and timescales, maximise impact and achieve quality outcomes, by delivering, installing and supporting complete turnkey and validated bespoke metrology fixture solutions, anywhere in the world.



THE BENEFITS

- Increase Return on Investment
- Reduce waste through faster batch fault identification
- Maximise Just in Time Delivery through faster batch approval
- · Optimise operator value added activity
- Achieve full dimensional access with increased fixture orientations
- · Minimise or eliminate product damage through non-destructive investigations

OUR PHILOSOPHY





Dedication

OUR VISION

Verus Metrology Partners has one over-arching ambition: to be the global benchmark in the field of metrology. Our state-of-the-art metrology fixtures are revolutionising the measurement capabilities available to the MedTech Industry.

Verus understands that continuously addressing and solving new metrology challenges leads to the kind of innovation that will drive the MedTech industry forward for decades to come.

OUR MISSION

Our Mission is to create partnerships with clients that will enable us to deliver, install and support complete turnkey solutions, anywhere in the world.

Our validated bespoke metrology fixtures are designed to exceed our clients expectations in terms of measurement precision, fixture durability, time saving potential, and dependable logistics. The close working partnerships Verus creates with our clients combined with an inherent ethos of quality, innovation, and support is what makes Verus Metrology Partners the right choice for you.

OUR VALUES

Our core values of Partnership, Responsibility, and Dedication to excellence guide all our business decisions, working relationships and communication strategies.

These values form the backbone of Verus and maintain our high standards from the Board of Directors to our highly trained engineers and approved service providers.



OUR TEAM

Verus Metrology Partners is more than the synergistic expression of our collective expertise, however. Inherent in the company's initial set up, is a widely held philosophy of continuous improvement, building relationships based on trust and complete customer service.

Since establishment, Verus Metrology Partners have looked to innovation to evolve the way clients operate their measurement process. Driven by a commitment to providing a complete turnkey metrology fixture solution, we design and manufacture resolutions to everyday metrology challenges that work. We do this together with our team of Metrology Engineers, Toolmakers, Design experts and you.

A company with a passion for metrology and providing best-inclass metrology solutions, we truly believe in the transformative power of accuracy and efficiency and their ability to accelerate the process of measurement. We do the work because we love it.

We are passionate about the industry, passionate about our clients, we like to talk metrology and we want to make your metrology labs a better place.



ANDREW HODSON CHIEF EXECUTIVE OFFICER (CEO)

Verus CEO Andrew is the guiding influence behind our outstanding growth strategy, resulting in significant value creation for our clients. In addition to his master's degree in Business, Andrew is also a certified Moldflow Analyst and Toolmaker with an extensive background in Injection Moulding. Hence, the resident Moldflow Guru brings the worlds of Analysis and Practical Moulding together to create world-leading Moldflow reports.



MICHAEL NUGENT CHIEF OPERATIONS OFFICER (coo)

Verus COO Michael leads the implementation of our technical operations and is therefore the driving force behind the vision for our market-leading portfolio. The qualified Toolmaker boasts over 20 years of experience in the Plastics Industry with a niche specialty in Metrology, CMM and Vision System programming. Hence, his skills in Metrology Applications are highly valued among our high-profile clients and blue-chip organisations alike.



YVETTE HAUGHEY GROUP FINANCE AND HR DIRECTOR

Yvette is a highly qualified and experienced Accounts Technician and Financial Advisor. As Group Finance & HR Director, Yvette manages the accounts team in addition to overseeing the day-to-day financial activities of the group. Responsible for tax management and financial reporting, further to her role in advising the board on capital investments and funding, Yvette is also responsible for the development and implementation of all HR policies.



JON BANNER GROUP APPLICATIONS AND DEVELOPMENT DIRECTOR

OUR TEAM

Jon is a qualified Engineer with over 30 years behind him in Applications, Sales and Managerial roles. Consequently, the Group Applications & Development Director is an expert in the field of Metrology with regards to CMM and vision systems. In addition to a strong Manufacturing and Fixture Design background, his expertise puts him in an excellent position to support our UK client base.



SEAN MURPHY

DIRECTOR

Sean is a qualified Metrology Engineer with in-depth knowledge of a variety of measurement platforms. In addition to his extensive manufacturing background, Sean uses this diverse experience to oversee all of our technical operations. As Technical Operations Director, he ensures the smooth interdepartmental communication required for the deliverance of our turnkey metrology solutions.

WEWORK HARD SO YOU CAN WORK **SMART**

GROUP TECHNICAL OPERATIONS



TRACEY FLYNN BUSINESS DEVELOPMENT MANAGER

Tracey is an experienced Business Development Manager with a passion for building working relationships with new and existing clients. Possessing a thorough understanding of the market, she takes pride in ensuring our clients requirements are excelled utilising an unconventional marketing approach that focuses on our future which is centred around our clients needs.



OUR TURNKEY SOLUTIONS

We pride ourselves on providing a complete turnkey metrology solution that integrates Metrology Fixture Design, Moldflow Analysis, Manufacture, Qualification, Validation, Fixture Programming and on-site fixture installs.





Comprising of a team of metrology experts, sophisticated software and a strong focus on advancing the process of measurement through innovation, the Verus turnkey process ensures our metrology solutions maximise our clients' production efficiencies. That is why our turnkey offering involves forming partnerships based on trust with our clients, to turn their measurement challenges into timesaving, workable solutions.

This approach enables our metrology engineers to work with clients on a personal level, allowing Verus to operate as an external inspection department. Verus can facilitate client collaboration on-site across any of our facilities also, using equivalent metrology machines to guarantee confidence in the metrology data. Furthermore, we can install a client's metrology machine at one of our laboratories, running all dimensional work on the machine with our bespoke fixtures. On completion, we ship the machine, programmes and fixtures to our client for installation ahead of metrology inspection commencement.



METROLOGY FIXTURE DESIGN



We believe that a creative and innovative approach to successfully overcoming measurement challenges while at the same time, maintaining a robust yet simple design is crucial. Specialising in bespoke Metrology Inspection Fixtures for CMM and Vision Systems and Hybrid Inspection Fixtures for use on Vision System CMM's with touch trigger capability, we develop the initial concept design into final high-cavitation multi-station fixtures that can incorporate manual or auto-rotational features. Our goal is to optimise your production processes through the innovative design and use of our bespoke metrology fixture solutions.

At the beginning of a new project, the design team will work with you and our metrology engineers, to develop initial concepts and single station prototypes when required. Once our digital concept is proven out and your approval is obtained, it is then ready for manufacture. This process ensures a fast design and development cycle and an optimised final inspection fixture solution.

OUR FIXTURE DESIGN PROCESS

- Initial Concepts
- Internal Review
- Design Qualification with Customer
- Approval and Final Design
- Release for Manufacture



MOLDFLOW ANALYSIS

True part optimisation can be achieved using our expert certified Moldflow consultant to unlock your product's full potential for injection moulding and beyond. We offer a premium Moldflow Analysis service that involves **Cool, Fill, Pack and Warp Analysis, Twin Shot Moulding** and **Overmoulding Analysis**.

We can conduct virtual offline metrology ISIR on your components and metrology fixtures in advance off real-world production. We use specialised software to replicate the injection moulding process, keeping the components purpose, quality and durability in mind. This identifies weaknesses in a proposed design while highlighting appropriate locations for closures and the cooling considerations.

W [°] INSIGHT
CERTIFIED EXPERT





METROLOGY FIXTURE MANUFACTURING



Since our establishment, we have achieved quality, extremely complex inspection fixtures in single-station and multi-station setups suitable for components of any shape or size.

CNC machining teams produce a reliable and quality of completed metrology fixtures.

The manufacture and assembly of our firstenables us to service clients worldwide. services have been devised to incorporate requirements.

OUR FIXTURE MANUFACTURE PROCESS

house manufacturing process results in the

- Rapid Ordering of Any Required Material
- Milling + Turning the parts from Aluminium, Acetal, Peek, Stainless Steel or Tool Steel
- Fixture Anodising and Hardening
- Laser Etching of Fixture



METROLOGY FIXTURE QUALIFICATION

We strongly believe in delivering a metrology inspection fixture that performs and functions to the highest of standards. To support this, we perform a Gauge R&R on all our metrology inspection fixtures.

A Gauge R&R is a statistical tool that analyses the amount of variation in the measurement system arising from the metrology machine, the inspection fixture and the engineers performing the measurement. When measuring the product of any process, there are two sources of variation: the variation of the process itself and the variation of the measurement system. The purpose of conducting the Gauge R&R is to be able to distinguish the former from the latter, and to minimise any measurement system variation. In terms of our bespoke metrology inspection fixtures, the Gauge R&R studies carried out at Verus investigates both the Repeatability and Reproducibility of our fixtures to ensure they are fully functional and perform as required.

Depending on client criteria, the Gauge R&R studies carried out on our metrology fixtures aim for a variation of less than 10% of the tolerance range. Once the Gauge R+R has been completed, the results are loaded into our statistical software package (Minitab). Only when it has passed our strict criteria is the metrology fixture released for delivery.







METROLOGY FIXTURE PROGRAMMING



Our capacity for delivering complete turnkey metrology solutions alongside our ability to work across multiple software platforms enables us to offer individually tailored solutions designed to meet each of our client's requirements.

Along with a Gauge R+R report, our bespoke fixtures are shipped with a programme ready to be loaded on to the client's metrology machine. Built to user requirements, our programmes are created and verified by our experts and are compatible with multiple CMM and Vision System platforms.

Upon request, on-site support can be provided by one of our expert engineers for installation and qualification. Tests and validations of the programme can be completed and sent to you before shipping to ensure no delay in the inspection fixture deployment.



VALIDATION METROLOGY

Utilising our bespoke metrology fixtures, our expert subcontract metrology services and a wide variety of in-house metrology software system platforms, we can ensure our clients' components are in production before deadline. Our rapid validation metrology service will support our clients throughout process verification ahead of full production, with no interruptions.







DELIVERY, INSTALLATION AND SUPPORT



We care about our metrology fixtures, that's why our fixtures are shipped in reinforced ABS flight cases to anywhere in the world.

We can provide technical support throughout the entire lifespan of our fixtures, starting with sending an Applications Engineer to support installation if required. The highly trained engineer monitors and coordinates the installation, ensuring proper operation of our fixtures.

DELIVERY AND SUPPORT





METROLOGY 4 USPs





METROLOGY 4 USP's

Full type 1 Gauge R&R carried out on all fixtures

METROLOGY FIXTURES

custom-built around your individual needs as

Once the design has been approved, the process swiftly moves to the in-house manufacturing department, saving you time and money.

Our bespoke metrology fixture solutions are Here, manufacturing of the highest quality and technical knowledge of our expert toolmakers to produce fixtures which are both robust and

> completed, the fixture is ready for the metrology lab where our certified Metrology Engineers will statistical testing on every fixture.

our expert support team who are available to



THE METROLOGY FIXTURE FAMILY

Our metrology fixtures range from single station to large repeat multi-station solutions and can incorporate manual or auto-rotational features.

PROTOTYPE TO MULTI-STATION FIXTURES

Ranging from single station to large, multi-station solutions, we design inspection fixtures that can hold multiple components during a single measurement process. Therefore, using our bespoke metrology fixtures allows you to more efficiently utilise your time, thereby accelerating the overall inspection process.

We develop your initial concepts into working theories, using single station prototypes to verify our metrology solutions. Our expert design team collaborates with you to develop a practical solution which meets all specified requirements. Once the design is approved, we work hard to ensure the design to development process proceeds as efficiently as possible, thus delivering an optimised final inspection fixture solution that is reliable and ready when you need it.



FIXTURE FAMILY

disrupt them.



MANUAL ROTATOR FIXTURES

Our Manual Rotator Fixtures aim to reduce the possibility of damaging components during the measurement process. Reap in the benefits of utilising our bespoke rotational fixtures when your component specifications require measurements to be taken from different orientations.

Our Manual Rotating Fixtures are designed to require the loading and unloading of your components only once, resulting in less human intervention. This lowers the risk of skewing any measurement results. Using our inspection fixtures, you can easily transfer your components from your metrology machine to the loading station without the need to

THE METROLOGY FIXTURE FAMILY

AUTO-ROTATIONAL FIXTURES

Our Auto-Rotational Fixtures have transformed the way metrology engineers measure their components. Auto-Rotational Fixtures are suitable for use on all CMM and Vision Systems, automating the rotation of parts under inspection through any increment required. Hence, it allows for the complete part inspection to be performed in one measuring set-up.

By advancing the current capabilities of our bespoke fixtures through automation, you can achieve multiple orientations without operator interaction. Therefore, reducing the risks associated with human error. By aligning metrology with automation, Verus fixtures combine cutting edge precision measurement with the time saving automation into one seamless metrology solution.



THE METROLOGY FIXTURE FAMILY

AUTOMATED METROLOGY SYSTEMS (AMS)

Pushing measurement boundaries to the absolute limit, our Automated Metrology Systems take quality processes to a new level, integrating high-precision automated metrology solutions into production and assembly lines. These next generation measurement inspection solutions enable in-line inspections at speed, providing high-quality, real-time data and deviation notification with minimal operator influence.

Offering numerous advantages such as cost of quality reductions, accuracy, versatility and investment reduction, the AMS provides users with closed loop inspection. Producing fully validated measurement data for users, the automated systems allow for peace of mind batch release alongside production demanding requirements. An excessively complex piece of technology in nature, the measurement system offers operators a more streamlined and user-friendly way of conducting component metrology, ensuring an effective and efficient in-house measurement process.



HIGH-VOLUME MULTI-STATION FIXTURES

Verus can design large, multi-station metrology fixture solutions for any component, regardless of its complexities. This is particularly important when measuring medical devices such as respiratory or intravenous equipment. Taking into consideration the metrology machine at our disposal, we can design a metrology fixture that will hold numerous components at any one given time during the measurement process.

Swiftly assembled by our expert team, our fixturing solutions hold the components firmly in place with minimum force to avoid damage or distortion. With precision in mind, we highlight the importance of ensuring accuracy, repeatability and reproducibility throughout the manufacturing of all our inspection fixtures.



Our Custom Docking Systems are designed specifically for your measurement machines. Intended for use where engineers oversee multiple metrology fixtures during the measurement process, the docking system is compatible with both mechanical and magnetic locks. The quick loading system bolts the inspection fixture securely in place, preventing any potential movement. This allows the machine to operate at maximum speed, delivering optimal results throughout the entire metrology process.

Designed to be easily adaptable for multiple uses, our docking system enables rapid component and dock changes. Everything is programmed to the same specification, meaning that during changes, the magnetic connection ensures that the inspection fixture precisely returns to its original position. Precise repositioning allows you to accurately replicate the process any number of times. Furthermore, should you wish to incorporate existing docking systems, such as a 3R Chuck, into the new fixture we will gladly design a fixture solution capable of doing so.



CUSTOM DOCKING SYSTEMS

SUB CONTRACT METROLOGY

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DIMENSIONAL **MEASUREMENT**



We understand that accurate Dimensional Measurement is critical to the manufacturing of our clients' lifesaving technologies. With this in mind, we have made significant investments over the years in state-of-the-art metrology standards and machines. Utilising our advanced measuring instruments and innovative technology, we rapidly generate accurate verification of your design and manufacturing processes. We then compile this data into a comprehensive metrology report made available to you.

From First Article Inspections through to Fit & Function Investigations, our Dimensional Inspection service allows you to shorten production cycles, identify and correct component problems, improve quality controls and lower overall operational costs.

OUR DIMENSIONAL INSPECTION PROCESS

At Verus Metrology Partners, our focus is to add value to your product development and minimise the activities that do not. The provision of our dimensional measurement service ensures shorter production cycles and improved quality controls through:

- Initial Sample Inspection (ISIR Report)
- First Article Inspection (FAI Report)
- Component Measurement
- Tool Validation Metrology
- Multi-Cavity Mould Inspection

- Cavity Verification/CAD to Part Deviation
- Gauge R&R
- Inspection Program Creation
- Measurement Procedure Creation
- On-Site Metrology Support

PROCESS VERIFICATION

We have formed many partnerships with clients across the Medical Technology and FMCG Industries. These partnerships are based on a shared passion for metrology and a willingness to improve and update the overall measurement process within client companies. Above all, our partnerships have helped us understand the needs of our clients and enabled us to develop a customised, fit for purpose, working metrology solution.

We understand the vast amounts of time and resources required to complete the validation process. Consequently, this can often interrupt in-production metrology. For you, overall Process Validation is always ongoing. Accordingly, it plays a role in almost every stage, from initial development through to production and upscaling. Therefore, our advanced rapid validation service will further support our clients with all the requirements of Process Verification ahead of full production. This is based on three key components: Speed, Clarity, and Equivalency.

Speed - We will partner with you to provide a fast and efficient Process Verification service.



PROCESS VERIFICATION

Speeding up this vital process will ensure components are in production ahead of project deadlines. Rapid Validation is achieved using our bespoke metrology fixtures and our extensive range of in-house metrology equipment. In addition, our dedicated validation team can be fully integrated with your metrology department. This allows both labs to work concurrently. Therefore, validation can begin early using a single station fixture, built in-house to reduce lag time and speed up the process.

Clarity - Our validation team is comprised of certified OEM and GD&T trained metrology experts devoted to providing only the best, most accurate and reliable dimensional inspection. Integrating our metrology team with your quality inspection department will not only speed up the process but also guarantee full transparency and visibility at each stage of our validation metrology service.

Equivalency - Confidence in the metrology data is guaranteed through equivalency. Each project will begin with equivalency testing using identical or equivalent metrology machines and software. Most importantly, this ensures our respective departments function in conjunction with each other to achieve the best outcome for your business.

As part of our turnkey service, we can install your metrology machine at one of our accredited metrology laboratories and run all validation metrology on the machines with our bespoke fixtures. On completion, we ship the metrology machine, programmes, and fixtures to your site for installation and gualification ahead of the commencement of production metrology inspections. Furthermore, we understand that equivalency can also mean adopting the same methods and using the same reports as you to develop the metrology routine.

OUR VERIFICATION PROCESS

At Verus Metrology Partners, our focus is to add value to product development. The provision of our Process Verification service ensures further time and cost reductions through:

- A comprehensive validation metrology service
- Equivalency testing
- Equivalent metrology machines and software
- Provision of all required software programmes
- Turnkey Delivery of Complete Metrology System
- Accredited services

VERIFICATION & CALIBRATION

We provide accredited and traceable Verification & Calibration services to our wide range of global clients who benefit from our in-house expert metrology engineers. We perform a Verification & Calibration process on our bespoke metrology fixtures as well as non-standard/bespoke gauges.

BESPOKE METROLOGY FIXTURES

In line with international standards, our engineers carry out a Verification & Calibration Process on all our bespoke metrology fixtures following their completion. This involves an examination of each metrology fixture to ensure it is performing and functioning accordingly.

Maintaining our guarantee of complete customer satisfaction, a Verus engineer will conduct a six month post-delivery check-up of the fixture to ensure it is performing as intended.

At Verus, partnership is a two-way street; therefore, our support team is always ready to assist you with any issues that arise following the shipment of our bespoke metrology fixtures. Our expert engineers are available should you require technical support or further assistance with your metrology fixtures.

NON-STANDARD/BESPOKE GAUGES

We specialise in the calibration of non-standard bespoke gauges along with complex purposebuilt metrology fixtures.

We offer a unique partnership with our clients to verify and calibrate their non-standard bespoke gauges used for in-process checking. Working closely with our clients has assisted us in continually enhancing our verification methods used for testing bespoke gauges. This collaboration has resulted in a superior metrology verification process in which we and our clients have full confidence.

As part of our industry leading Verification & Calibration Process, we have a standard procedure in place for the inspection and testing of all non-standard bespoke gauges.

VERIFICATION & CALIBRATION

Our Verification & Calibration Process includes:

- An approved latest technical drawing highlighting the dimensions for inspection An approved method of inspection and verification
- A Verus bespoke turnkey validation program
- · A fully detailed Verus certificate of verification
- Retained raw data from the inspection process
- A database of all Verus certificates and methods of verification

We also provide Verification & Calibration for a wide variety of bespoke gauges including:

- Go no-go gauges
- Plug gauges
- In-production checking gauges





METROLOGY LAB

We offer premium metrology laboratories that provide fast and reliable dimensional inspection and measurement instrument verification services. Possessing the experience and provisions needed to fulfil clients' individual inspection requirements, the metrology labs are supervised by our highly qualified Metrology Managers who in turn are aided by a team of expert Metrology Engineers and Technicians.



Equipped with a diverse range of machine types and software platforms, our metrology labs facilitate the need for accurate dimensional measurement and offer clients a streamlined, high-volume capacity. Serviced and calibrated each year in line with ISO 17025 standards, all our CMMs and Vision Systems are placed in a temperature-controlled environment which has a 24-hour monitoring system.

As part of our turnkey metrology services, all projects are customised and managed by an OEM and GD&T trained individual with whom clients will have a direct line of communication with, providing clarity, transparency, and daily updates across all measurements. We run all the latest versions of control software which allows us to programme the machines and transfer the programmes to client machines if required. Furthermore, the traceability and uncertainty of measurements are validated through our accreditation process.

METROLOGY LAB

OUR CURRENT CONTACT AND NON-CONTACT METROLOGY PLATFORMS INCLUDE:

7 x CMM Probing Systems (Software Platforms include PC DMIS, MCOSMOS, MODUS and Virtual DMIS)

6 x OGP Vision/Probe Systems (Utilising Measure Mind 3D, Measure X and Zone 3 Software)

1 x Zeiss O-Inspect 543 Multi-Sensor CMM

1 x MicroVu Excel 502 Vision Probing System

1 x Renishaw Equator 300 Gauging System





OUR TRAINING & DEVELOPMENT PROGRAMME

Our commitment to both our employees and our clients drives us to always be at the forefront of metrology inspection technologies and this is reflected in constant investments in new equipment, software and training. All our Metrology Engineers are fully trained, and OEM certified through our inhouse training and development programme that encompasses:

- In-house training and evaluation
- OEM training and certification Basic and advanced CMM and Vision System training
- Statistical Process Control (SPC) using Minitab
- Geometric Dimensioning and Tolerancing (GD&T)





LET QUALITY SHINE THROUGH

A Truly Modular Metrology Fixture Kit.



MODULAR FIXTURE SOLUTIONS



Save time and resources by incorporating our V-FIX[™] modular system into your daily measurement activities. An innovative creation designed and manufactured by Verus Metrology Partners; V-FIX[™] allows for fast, interchangeable, preassembled holding solutions. With V-FIX[™], you can build multiple modules offline and drop them into the frame as and when you need. Whether you are looking to increase throughput by measuring multiple parts at once or have features which are difficult to reach, our modular fixture provides an all-round solution that can be configured to an infinite number of combinations.



Maximum measurement access

High-quality precision manufacture



Shop now

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Our passion is metrology and our focus is on supporting our global clients with a team of experienced design engineers, metrology engineers and toolmakers that partner with you to create robust metrology solutions you can trust.





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