



SIMPLY MEASURABLY BETTER

Your partner for professional industrial metrology



GLM LASERMESSTECHNIK – COMPREHENSIVE KNOW-HOW GUARANTEED.

More than 20 years of industry solutions in the area of the industrial 3D metrology – a success story for GLM, customers, and projects. Experience the power of precise techniques in combination with innovative software.

As a leading provider of industrial laser measuring technology, GLM is specialized since 1991 in the sales and development of high-precision industrial 3D measuring instruments and devices as well application-focused software solutions – nationally and internationally. No matter which requirements and which application area: We support our customers with well-thought-out solutions during all their measuring tasks. To do so, we rely on the innovative instruments technologies of our long-time partner SOKKIA, one of the world's leading metrology specialists.

In addition to marketing high-quality systems, our focus is on personal service for our customers.

We provide you with comprehensive advice for your specific needs and respective area of application and offer various associated services and the corresponding support. Flexible. Competent. Reliable.

Whatever we at GLM do as well: We always fully focus on the things that are most important for your individual project: the quality of measurements, the optimization of productivity and process quality, as well as compliance with production, maintenance and safety regulations.

Put your trust in GLM when it comes to measurement technology. Contact us – we look forward to hearing from you.



ALWAYS GOOD ADVICE. ALWAYS WELL LOOKED AFTER.

To offer real added value – that is our claim. At GLM, you receive not only high quality measurement technology, but also the appropriate software – from a single source! This is unique in the market.

You can always count on us 100%: We think holistically and act accordingly. For your benefit. Our services go far beyond simply providing measuring instruments. We combine our many years of expertise in the field of industrial 3D metrology with in-depth expertise in software development. This means you always get a well thought out overall system at GLM for your individual measurement task or your project. Completely planned and executed by us down to the last detail and implemented in a solution-oriented manner.

A holistic approach means for us: We are there for your after the purchase as well and offer you a comprehensive range of services. From practical training to ongoing instrument maintenance to calibration of your measuring technology systems.

Take advantage of our consulting competence for your success. You will see: GLM Lasermetestechnik is simply measurably better.

Benefit from our many years of experience and know-how in the following industries, among others:



COMPREHENSIVE SOLUTIONS FOR EVERY APPLICATION AREA.

Consulting and
demonstrations,
training

Instruments,
software and
accessories

Service and
calibration,
contract measurements



HIGHEST QUALITY FOR DEMANDING TASKS.

To provide the best possible quality for your survey projects, we rely on the proven total stations by the leading metrology specialists SOKKIA. For maximum precision with each use.

The powerful NET total stations by SOKKIA are ideal for any requirements of motorized industrial 3D measuring tasks – regardless of the application scope. Thanks to innovative technologies, these instruments provide not only the highest accuracy for angle and distance measurements but also convince with impressively high mobility and fast motors. In addition, all NET series systems feature an extremely ruggedly construction and meet the high demands of industry-leading protection class IP65 – which ensures a long service life and reliability.

Last but not least, the desired measuring mode can be easily adjusted depending on the application. All NET total stations measure on sticker targets, prisms, and tracker balls (SMR) or reflectorless directly on the surface of the measuring object. This guarantees maximum flexibility for all measurement tasks.

SOKKIA NET total stations:
[Technical details at a glance.](#)

- 2 in 1: Tracker and scanner in one instrument
- Highest precision: Measurements in 3D
- Resistant: IP65 protection against dust and water
- High mobility: battery-powered, wireless, large wireless range
- Typical angle measuring accuracy: up to 0.05 mm at a distance of 20 m
- Typical distances measuring accuracy: up to 0.1 mm at a distance of 20 m
- Reflectorless range: up to 400 m



High-precision
industrial
Total Stations



Digital levels and
precision levels



Robotics
Total Stations



POWERFUL SOFTWARE FOR ANY REQUIREMENT.

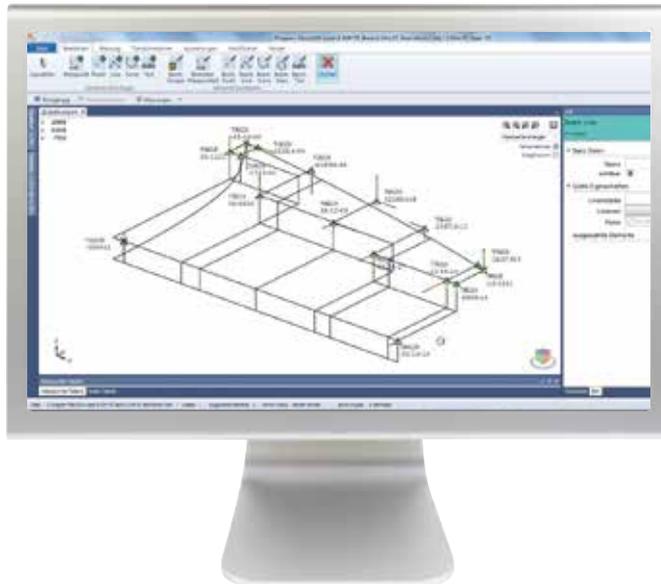
Microsoft Partner
Silver Application Development

In 1991, GML developed the first individual software solution for millimeter-precise measuring of railway vehicles – the start of a new business area was a success. Over the past 20 years, our software development team has been able to expand its know-how and open up new areas. Today, we develop and distribute software solutions for different application fields. From steel and plant construction to shipbuilding, our systems have long been reliably in use.

The secret of successful software solutions „made by GLM“? Very simple: An optimal mix of many years of experience and a good dose of creativity.

Discover our software services! We are developing new plugins, macros or expand your existing applications – according to your needs.

We are ready for new challenges – contact us!





3-DIM Observer – Mobile Surveying Made Easy

The survey software 3-DIM Observer is used for various different projects in the area of industrial 3D metrology. The special solution for Pocket PC offers mobility and robustness when and where needed. Since 2004, we are constantly developing the software according to the principle „From practice for practice.“ Thanks to our many years of experience in optical coordinate measuring technology and ongoing optimizations, the mobile surveying software 3-DIM Observer today is the absolute standard in numerous sectors and industries – for example, in shipbuilding and steel construction or in the paper industry.

3-DIM PC-Basic – Flexible Measuring & Perfect Visualization

The software 3-DIM PC-Basic is an excellent graphic software for all applications in the field of industrial measurements and is used as a standard tool for the preparation and documentation of geometry measurements, for example, by shipwrights, railway workers and bridge builders. 3-DIM PC-Basic works point-based. This ensures maximum productivity and efficiency, for example, during series measurements. Since its first release in 1993, we have steadily optimized the software while applying and integrating our own experiences as well as the suggestions of our customers. For optimum practicality.

3-DIM PT – 3D Data Quickly and Easily Evaluated

The software 3-DIM PT includes a large number of plug-ins for Rhino and offers also extensive options for analyzing data generated with the 3-DIM family of software products and the NET instruments by SOKKIA. Scanned or tracked data can be quickly and easily modeled with 3-DIM PT and offset corrections can be applied with the click of a mouse. Users can also compare complex CAD models with actual measurements or generate measuring sheets with the „GLM Excel measuring sheet generator.“ Measured to nominal analyses on a freeform surface can be carried out within a few seconds.

ONE CONTACT FOR EVERYTHING. GUARANTEED.

Consulting, Sales, Software Development & Training

Together with you, we develop individual measurement solutions – always with the aim to support your employees, to optimize processes, and thus to give your company added value. In addition to modern instruments technology and specially developed software, we offer comprehensive services: From consulting and demonstrations to distribution to individual training. All of this is what makes GLM „simply measurably better.“

Service & Calibration

We operate a certified laboratory for maintenance, calibration and repair of total stations (tachymeters), theodolites and precision levels by SOKKIA. Thanks to latest technical equipment with collimator station, laser interferometers as well as various base lines with a length up to 1.300 m outdoors, our qualified experts can carry out various maintenance and calibration tasks on optical measuring instruments.

Contract Measurements

Fact: Reliable and accurate survey data are indispensable for the successful planning and implementation of construction projects – but obtaining your own measuring equipment is not always worth it. Our experts can assist you and carry out contract measurements.

PLEASE CONTACT US!

Do you still have questions about our services or need support with an actual survey project?
We are always there for you.

www.glm-laser.com

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