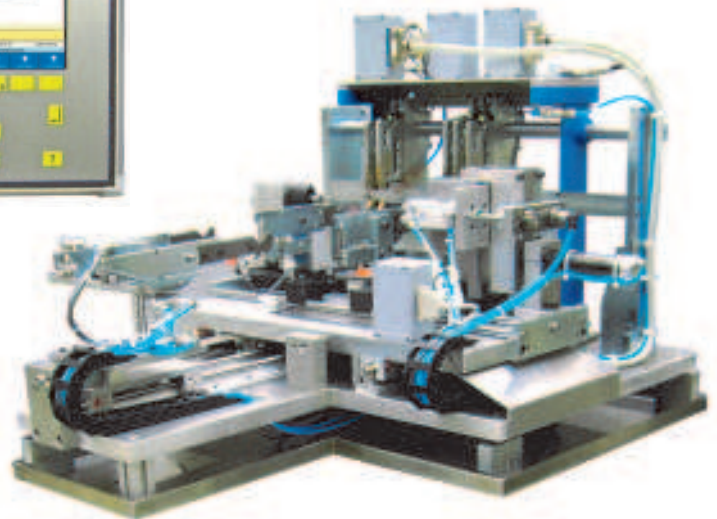




Gesellschaft für Rechneranwendung,
Organisation und Meßtechnik mbH

THE COMPANY - MEASUREMENT TECHNOLOGY IS OUR CORE COMPETENCE



- *Individual solutions*
- *Parallel measurement of several dimensions*
- *Integration in automatic production facilities*
- *Measuring, checking and gauging during the production cycle*
- *Sorting / classifying*
- *Temperature compensation*
- *Machine tool correction*
- *Linked marking stations*
- *Automatic calibration*



COMPETENCE THROUGH EXPERIENCE

REORG GmbH has more than 25 years experience in the field of developing special measurement and testing facilities of various kinds. We implement solutions that are customised to your particular requirements, such as:

- Workpiece-specific multiple-position gauging fixtures with
- measurement computers,
- workpiece handling and
- measurement, evaluation, control and statistics software.

CLOSE CUSTOMER TIES

At our site in Moenchengladbach (near Duesseldorf), we develop, produce and assemble individual quality assurance solutions for our customers' production lines. Our technical solutions together with close customer collaboration form the basis for providing individual product solutions.

INNOVATIVE AND FLEXIBLE

Our experience together with the use of state-of-the-art technology guarantee high-quality products and thus customer satisfaction. Innovation and flexibility give us the leading edge, as our numerous products prove. Our goal is to provide a balanced solution when it comes to price, performance and quality.

PROJECTS UNDERTAKEN

- Static / dynamic measurement of shafts and wheels based on our patented TrueLine measurement technology
- Dynamic measurement on the ball tracks of homokinetic drive joints with graphical representation on the monitor of the ball track curves
- Determination of shape and position deviations in the case of cylinder liners and pistons
- Functional testing on slip joints using a force-way diagram
- Measurement of parts with very small tolerances (2 µm), e.g. pistons in the unit injector pump

SHOWROOM

In our showroom, you may view a permanent exhibit of measurement facilities which have been implemented.

OVERVIEW OF PRODUCTS AND SERVICES

MEASUREMENT FIXTURES / MEASURING MACHINES

We provide measurement fixtures which are customised to your particular workpieces and which enable rapid measurements (during the production cycle). Among these are measurement fixtures for

- turned and ground parts / shafts and wheels,
- cast, forged and welded workpieces,
- workpieces with very small tolerances (2 μm),
- gearbox cases and
- special applications.

MEASUREMENT COMPUTERS / INDUSTRIAL COMPUTERS

Our measurement computers consist of electronic components that work seamlessly with each other and which are assembled in completely enclosed housings with heat exchangers. This means that they may be safely used directly at the production site. Various electronic measuring devices may be connected to our measurement computers. Evaluation is carried out using our software.

SOFTWARE

The REORG software consists of the following components:

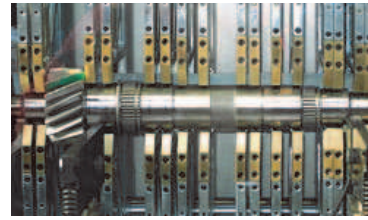
- Measurement program
 - Processing and visualisation of the measurement results (bar diagram, component images)
 - Statistical evaluation (control behaviour, histograms, process and machine capability)
 - Control of the measurement process and operating instructions
- Dialogue program
 - Creation and managing of inspection plans
 - Interface
 - Interface to Q-DAS® (qs-STAT®) and Excel (csv)
- Machine tool correction
 - according to the methods of statistical quality testing
 - via digital I/O or Profibus

COMPETENT CONSULTATION

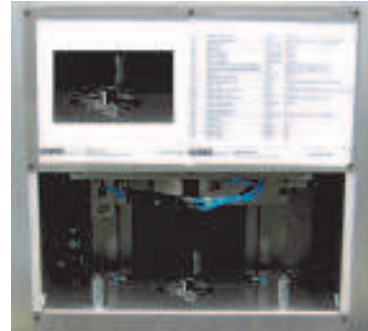
We would be pleased to advise you on matters relating to measurement technology and to support you with our know-how.

SERVICE WITH QUALITY

Good service is a prerequisite for a successful collaboration. Our service team is available at short notice to deal with your requirements.



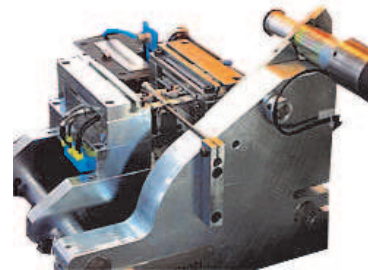
TrueLine shaft measurement technology



Measurement of cast workpieces



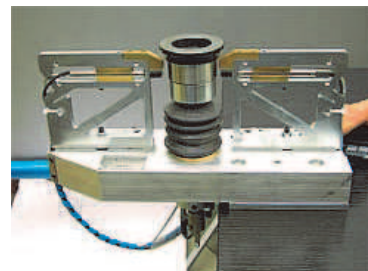
Measurement of forged workpieces



Measurement of very small tolerances (+/-2 μm)



Measurement of homokinetic elements



Fixtures integrated in machine tools



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