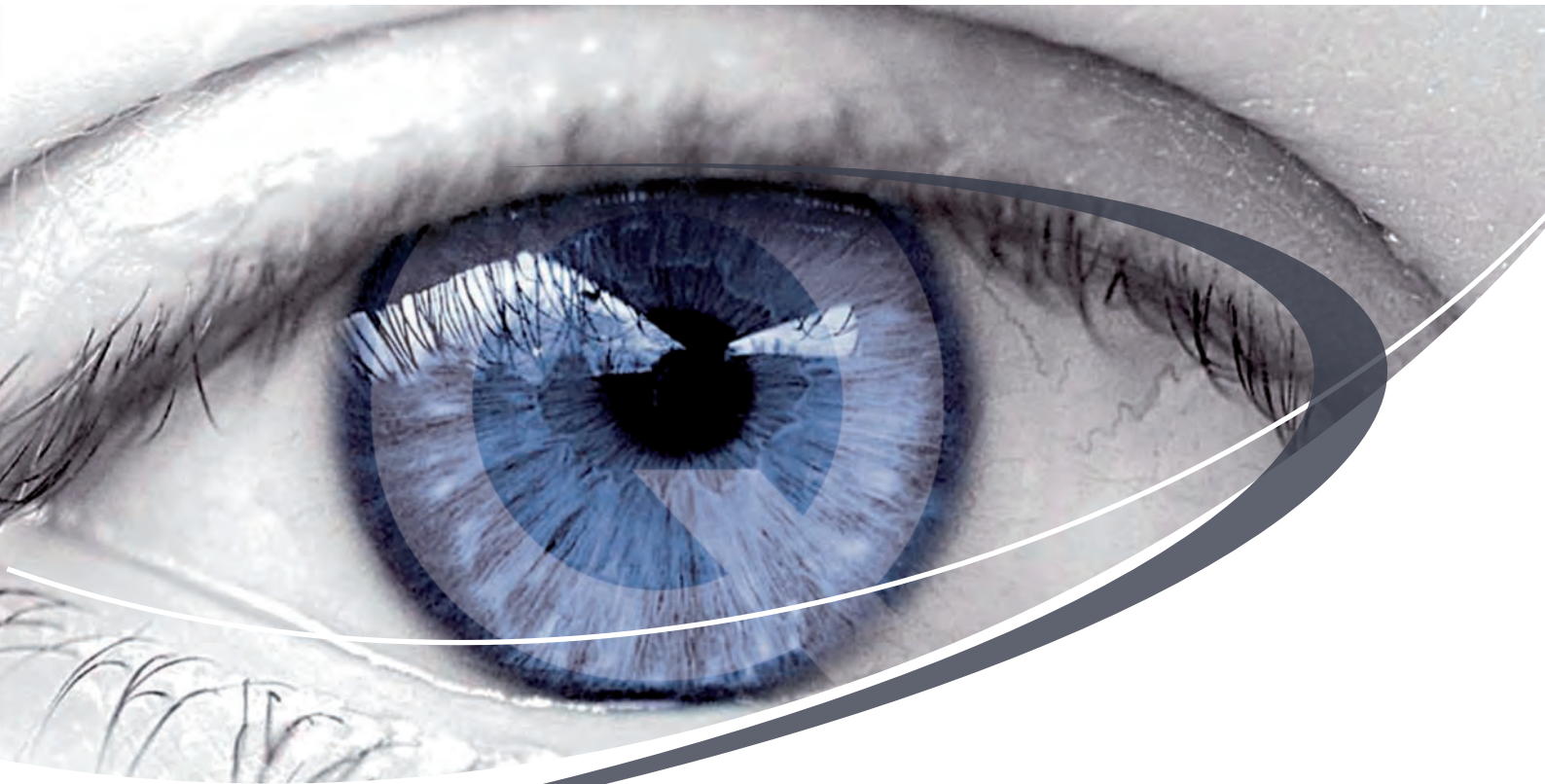


WE are

A COMPANY WITH IDEAS
& PIONEERING SPIRIT



BRING PROJECT IDEAS TO LIFE WITH OUR INNOVATION

WE ARE

A COMPANY WITH IDEAS & PIONEERING SPIRIT

Q.Instruments is an Engineering and Manufacturing company located in Jena, Germany. We design, build and market equipment for sample preparation products such as shakers, thermoshaker, heating/cooling units, centrifuges and more.

Q.Instruments has over 15 years of experience in the scientific community. Our products are used in a broad range of research and commercial applications, spanning biochemical, environmental, food, beverage and pharmaceuticals. We are well known for our robust products, strong customer service and flexibility to deliver custom solutions to specific applications.

Accepting and adapting to changing trends and needs of the customers, our prudent company currently enjoys an impressive clientele in USA, Germany, Switzerland, UK and more.

OUR MISSION

In 2000, we set out with a goal – to reinvent lab automation for the future age. Our mission is simple:

“Fill every lab with the best lab mixers and make mixing a valued experience again”.

We’re making it easy for every lab to mix the samples they love in every bench and robot of their lab.

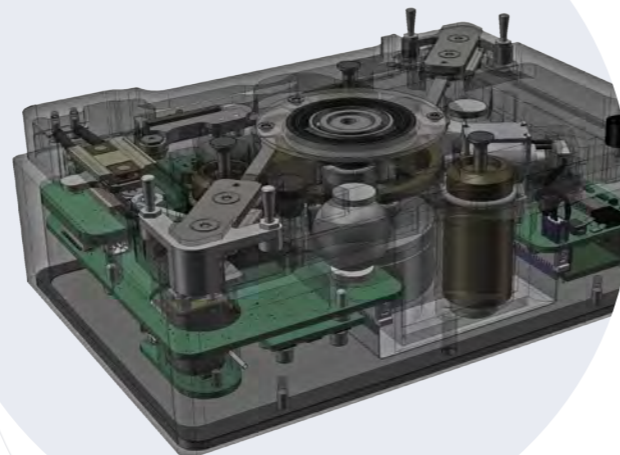
OUR PROJECT ACTIVITIES

Engineers are the heart and soul of Q.Instruments. We believe in quality, professional engineering.

If your Life Science business needs help with a shaker project and wants the best skilled engineers, look no further than Q.Instruments.

Qualified and highly skilled engineers and designers ensure a continuous process of reassessment, research and new developments to guarantee that our products continue to provide maximum safety in a laboratory environment.

We’re doing what we set out to do.



NO DESIGN MIXES BETTER

Unique design meets high-end technology

If you need to quickly and precisely mix samples on a robotic deck – go no further. The BioShake shakers and thermoshakers provide high-speed mixing action for the most demanding robotic applications.

The BioShake module is only slightly larger than a standard microplate, and with its patented vibration-free shaking, you’ll be amazed that the shaker can blend samples in a wide variety of vessel types.

Fully adjustable between 200 and 5,000 rpm, well beyond the speeds of most other brands, guarantees fast, splatter-free, mixing for tubes, glass vials or across an entire 384-well microplate.

BioShake robot units are completely equipped for hands-free operation with an extensive remote command set for easy software integration.

Thanks to its highly integrated electronic construction no other external components and control devices are necessary.

Unique and efficient design combined with the most compact housing result in beautiful and well-defined laboratory equipment.

The first-class finished aluminium housing gives the BioShake its essential functionality. It provides a high amount of security, device stability and ensures a long service life.



TEMPERATURE CONTROL & MIXING WITHOUT LIMITS

WE HAVE TAKEN THE BIOSHAKE AUTOMATION UNITS TO A WHOLE NEW LEVEL WITH FEATURES THAT GO FURTHER.

HIGHLY IMPROVED ACCURACY, INTERNAL ALGORITHMS & OPTIMIZED SENSORS ENABLE SMOOTH OPERATING WITH LONG LIFETIME.

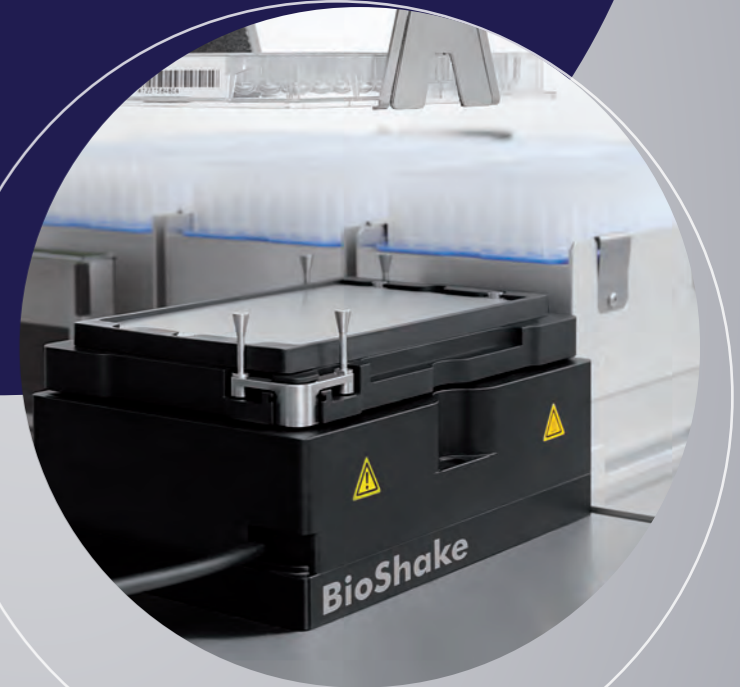


„High tech design, precision performance & outstanding value all characterize the BioShake automation units“



ENHANCED TECHNOLOGY

- > Gentle mixing of samples
- > Planar orbital motion
- > 200 up to 5,000 rpm
- > Optimized mass balance system
- > Reducing of noise and vibrations
- > Sensor-controlled zero-positioning
- > Accurate temperature control
- > Heating from ambient up to 100 °C
- > Integrated status detection
- > LED status light in front
- > Edge Locking Mechanism (ELM)
- > Sensor-controlled plate loading
- > Optimized system stability
- > First-class aluminium housing



EASILY INSPIRE YOURSELF THROUGH OUR BIOSHAKE

Our BioShake innovations define the shaker standard in terms of compactness, speed, quietness, and precision.

To mix the samples they love, to discover and experience new things they never knew existed, and to appreciate it all with the highest quality.

We're constantly looking for ways to improve the experience – with new products, new software and continually investing in ways to provide our customers the best experience possible.

GLOBAL ESTABLISHED PRODUCTS

QUANTIFOIL Instruments is an internationally respected manufacturer of application-oriented laboratory instruments. Our instruments have been used for 15 years worldwide for sample preparation and lab automation in industry and research laboratories.




Trust Q.Instruments quality made in Germany, our experience and our service.



DISCOVERING OUR UNIQUE CREATIVE INSTRUMENTS

TRULY ELEGANT DESIGN INCORPORATES
TOP-NOTCH FUNCTIONALITY INTO A
SIMPLE, UNCLUTTERED FORM.



-  **35** NEW PRODUCTS
LAUNCHED SINCE 2003
-  **985** HAPPY CLIENTS
MEAN THAT WE HAVE
DONE A GOOD JOB
-  **28** COUNTRIES
SERVED FROM GERMANY
ACROSS AMERICA, EUROPE
& ASIA

“ MAKING TODAY A PERFECT
DAY FOR YOUR SCIENTIFIC
SUCCESS...”

PERFECT
SOLUTIONS.

PERFECT
DESIGN.

PERFECT
DAYS.



BioShake[®]
FAMILY

HIGH-END MIXERS
TO FIT EVERY LAB & ROBOT



IT'S NOT HARD TO DEFINE SHAKER DESIGN

The design is done when the problem goes away.

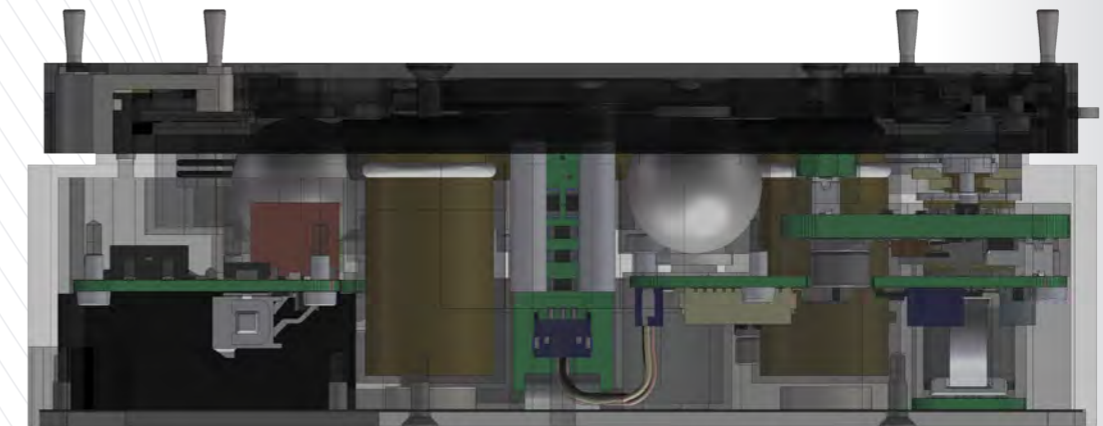
When you take technology and mix it with art, you always come up with something innovative.

"IT'S VERY EASY TO MAKE SOMETHING THAT IS NEW. SO WE ARE TRYING TO MAKE THINGS THAT ARE BETTER."

Good design is the most important way to differentiate ourselves from our competitors."



"A GREAT PRODUCT ISN'T JUST A COLLECTION OF FEATURES. IT'S HOW IT ALL WORKS TOGETHER."



TAKE IT TO THE NEXT LEVEL WITH GERMAN CREATIVNESS

MADE IN GERMANY

... has always been a recipe for success for Q.Instruments.

100% of Q.Instruments production takes place in Germany.

The mixer manufacturer delivers to around 30 countries on all continents and more than 80 percent of its sales are generated abroad.

The focus is on human diligence and on being environmentally friendly.

The company upholds its quality guarantee by means of consistent quality management. For more than 15 years these lab automation professionals from Jena have used only high-quality materials to ensure sustainable production, applied innovative thinking and undertaken research in a future-oriented way – all as a matter of course.

Safety of the user and ease of use are clearly a priority for us.

Independent investigations from TÜV services and CE certifications

guarantee the highest security standards.

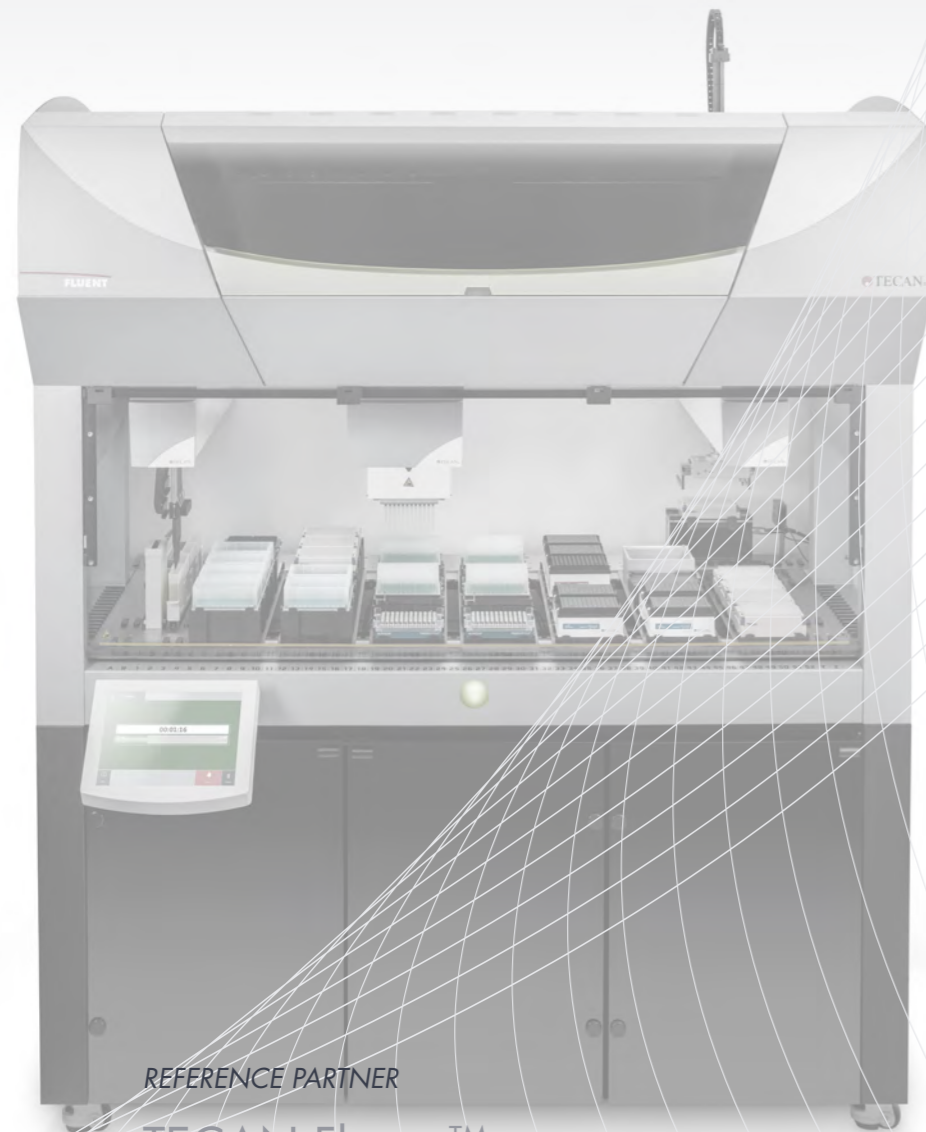
Made by Q.Instruments means:

- > Environmentally-friendly products and manufacturing methods
- > A perfectly harmonious blend of high-tech and handmade
- > High product quality and functionality
- > Top design
- > Durable products
- > Inventive genius and engineering skills
- > Efficiency in production and logistics
- > Customer-oriented service
- > Reliability and respectability

BioShake

IS THE SHAKER STANDARD

MIXING ON THE RIGHT FREQUENCY SAVES TIME & MONEY.



REFERENCE PARTNER

TECAN Fluent™ has reinvented automation

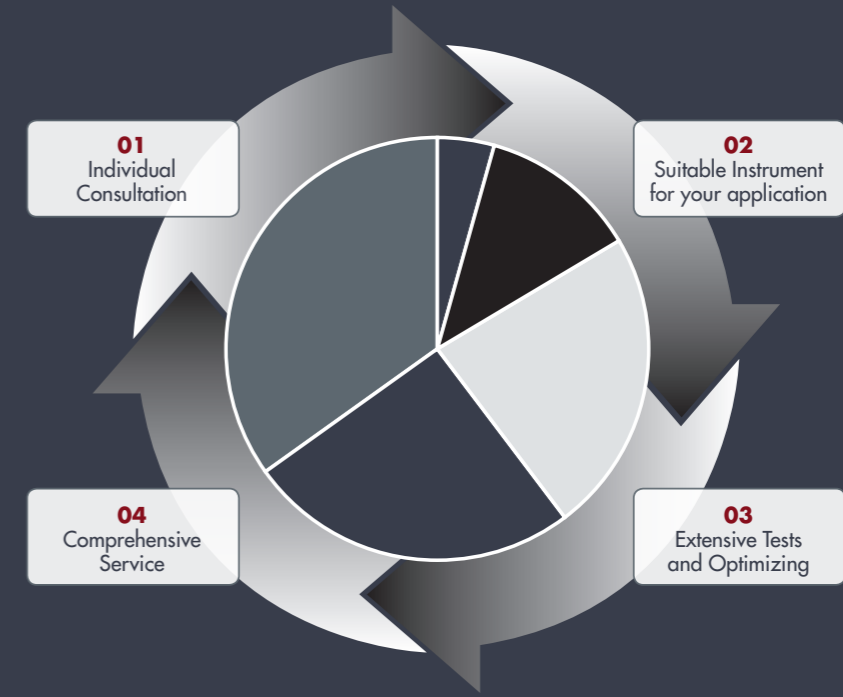
EVERYTHING IS DESIGNED. FEW THINGS ARE DESIGNED WELL.

FASTER, SIMPLER & SAFER THAN EVER

OEM DEVELOPMENT & ADVANCED PROJECT MANAGEMENT

The development of new automated applications in labs and diagnostic fields are unbelievably dynamic. We are your competent SHAKER partner from development to series production.

YOUR GOALS



OUR SOLUTION

Q.Instruments aim is to develop secure solutions for automation systems that use these applications, in close cooperation with OEM customers, system integrators, and other partners.

We provide our customers and partners with individual applications or end-to-end solutions that suit their every day need.

- > Design studies
- > Development of article designs
- > Design of thermal concepts
- > Calculation and simulation
- > Creation of electronic circuits and programs
- > Functional programming
- > Customizing and optimizing of applications
- > Prototyping
- > Series production
- > Reliability tests
- > CE and IVD approval

MADE IN GERMANY

All Q.Instruments devices of the BioShake series are manufactured exclusively in Germany and labelled with „CE“ and „Made in Germany“.

It guarantees a very high product quality and is internationally protected.

THE QUALITY LABEL MADE IN GERMANY MEANS TO YOU:

- Years of trouble free operation.
- The sealed housing to protect mechanical and electronic components increases the lifespan of 10 years on average of well maintained equipment.
- All units are designed for continuous 24 hour unattended operation when utilizing sound scientific methods.
- To prevent laboratory fires, all units feature an over temperature circuit which switches off if an over temperature situation occurs. Thermal damage to any unit is minimized or prevented, as all models come with a fire resistant aluminum housing.

2 YEARS GLOBAL WARRANTY

QInstruments warranted the models of the BioShake series an extended warranty of 2 years – as an expression of their superior quality in terms of functionality, performance, workmanship, durability and safety.



TÜV-CERTIFICATION & CE DECLARATION

Safety of the user and ease of use are clearly a priority for us. Independent investigations from TÜV services and CE certifications guarantee the highest security standards.

Each manufacturer of laboratory instruments and medical devices bear a heavy responsibility for its products. These have to comply with legal requirements and EU regulations. The products under the label Q. Instruments and BioShake be developed and produced according to applicable European directives and requirements in conformity with legal provisions, such as the WEEE/RoHS directive and product safety law (GPSG). All BioShake units are signed with CE label (Conformité Européenne), the statutory marks in Europe for product safety.

BIOSHAKE DEVICES MEET THE BASIC HEALTH AND SAFETY REQUIREMENTS AND APPLICABLE STANDARDS OF:

- 2014/30/EU The Electromagnetic Compatibility Directive
- 2011/65/EU Restriction of Hazardous Substances Directive
- EN 61326-1:2013-07
- DIN EN 61010-1:2011-07
- DIN EN 61010-2-010:2015-05
- DIN EN 61010-2-051:2004-07
- EN 55011:2009 + A1:2010
- EN 50581:2013-02 (based on)



SERVICE & SUPPORT

The Technical Service Staff from Q.Instruments provides superior sales services, technical support services and customer assistance for all aspects of lab equipment and lab automation. This assistance includes, but is not limited to, free technical support via e-mail, telephone, or personal visits.

Q.Instruments offers a yearly product maintenance and/or calibration service which includes a calibration certificate, traceable to national standards. Product calibrations are carried out in a controlled environment in accordance with our Quality Management System.

QUALITY MANAGEMENT

By quality we mean the expert performance, free of faults, of our products and services, with due regard for all the requirements and conditions that you may have as a customer and in a manner which is pleasant to you. Our aim is to realise this to the greatest extent possible. For this reason, a comprehensive and uniform quality management system has been established in Q.Instruments, which represents the basis for EN ISO 9001 ff compliant development and production, for numerous accreditations, certifications and licences.

Moreover, it is a matter of great importance that technical and personal development is ongoing, so as to enable our company to achieve its quality targets. Our personnel develop their competence by concentrating on recognising customer requirements correctly and completely and performing the services required in accordance with the customer's wishes.

Our daily contact with environmental matters has made us sensitive to the need of protecting our resources. For this reason, our quality management system has in some locations been augmented by the addition of an environmental management system. The compliance with the EG-Directive 2002/95/EC - RoHS („Restriction of the use of certain Hazardous Substances“) - is our top priority.

QUALITY CONTROL

The quality management process of Q.Instruments guarantees a constant quality of manufactured products. In order to realize this policy we have introduced a quality management system, that controls and evaluates all products and processes in the company and takes care of all necessary corrections and adjustments.

THE VERIFICATION OF THESE FACTS IS ASSURED THROUGH THE OPERATION OF A CONTROL & INSPECTION SYSTEM

- ID-Tracking of all parts and assemblies through bar code labels
- Batch tracking of all parts and assemblies
- Serial number tracking of all products
- Inspection of incoming goods
- Inspection during production/assembly process
- Calibrations and adjustments (automated and semi-automated)
- Life time tests
- Development of test and verification tools for temperature and mixing parameters
- QC analysis and documentation (QC database, final test reports, certificates, etc.)
- QC Audits through Key Account Customers
- Continuous improvement processes
- Safety tests and CE approvals



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