



The specialist for high-end
Quality Assurance Technology,
resistance welding & micro welding



HARMS & WENDE QST GmbH



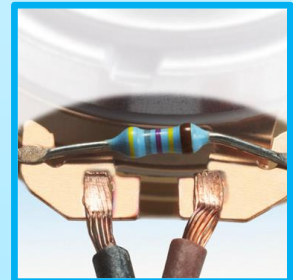
Welding



Service



XPQS



Micro



Headquarters of QST division



Our core competences

- Process quality assurance systems with a focus on resistance welding
- Competence in joining small parts, components and complete solutions
- Sales and service of products from Harms & Wende GmbH & Co. KG
- Services in the fields of training, analysis, optimisation and commissioning

Our approach

We think in processes

Optimised process management is the foundation for constant high quality and efficiency

We think in products

Quality is ensured through the use of optimal control technology, welding components and process monitoring.

We think as a team

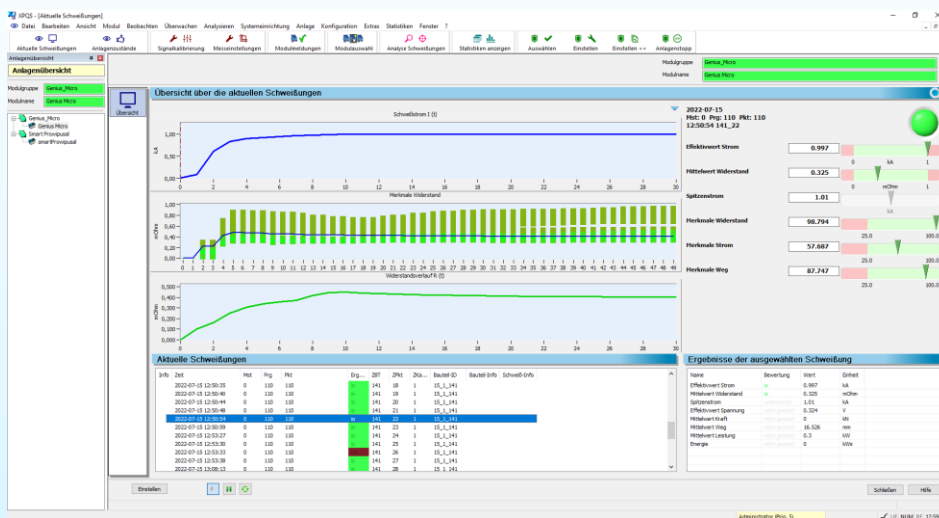
Define and achieve goals together with you as a customer.



Process quality assurance systems for resistance welding

XPQS

The new generation of process monitoring



XPQS offers you continuous inline monitoring of your resistance welding processes

Applications:

- Spot welding
- CD-Welding
- Projection welding
- Micro Welding

- Can be installed to all existing welding controls
- Available for 50Hz, medium frequency and high frequency applications
- Comprehensive process analysis
- Powerful quality assurance
- Documentation of all welds



**Safe, seamless,
effective and powerful!**

Reach a new dimension in monitoring your resistance welding processes with **XPQS**.

Advanced functionalities, e.g.

- Available as a workstation version or network-capable variant (with OPC-UA)
- Use for component documentation
- Outlier and wear detection with Q-Stop

.....and much more

Competence in welding small parts from components to the finished solution



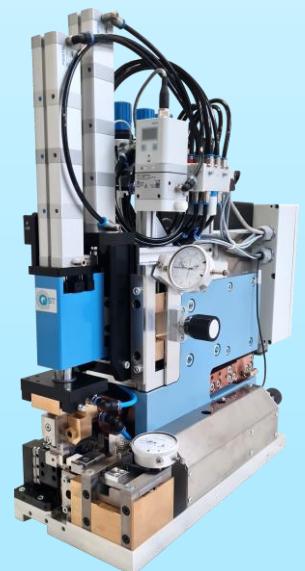
As a system provider for small part welding, Harms & Wende QST offers custom-fit solutions for your joining task. Different metals and non-ferrous metals can be joined with our selected welding components.



Take advantage of our flexibility and let our experts advise you on the right welding head for your joining task.

Our portfolio includes single and double welding heads, as well as devices for compacting of wires. With the combination of welding control and welding head we are able to compile your personal package. We offer the opportunity to execute welding tests in our in-house laboratory in advance.

We are also able to assemble and manufacture a manual workstation for you with our components.



Harms & Wende has been providing innovative welding technology for more than 75 years

Harms & Wende QST offers practice-oriented, robust and powerful products for welding and monitoring your processes.

Our portfolio includes welding controls from 50Hz to 10kHz. Extensive monitoring systems for process and component control are available.

Using these components in conjunction with the know-how of our employees, we will find an optimal solution for your task.

Use the flexibility of our products to optimize your joining processes combined with the high cost-effectiveness, sustainability and energy efficiency of resistance welding.

Genius MF - welding inverter: The universal welding module with versatile functionalities (IQR/IQFlex, AMC, HSC, PQS) for all power ranges and resistance welding processes. Networkable visualization through the X Pegasus user interface and support for many fieldbus types.

Genius AC - The 50Hz welding module based on the Genius.

Filius - The welding control for individual workstations and machines with direct operation.

Sinius - welding processor: The PLC based visualization and welding function for complete automation solutions.

iSpot - The complete devices for manual workstations, semi-automatic small part welding systems and soldering processes.

Primus - welding inverter: The 10kHz welding system for the area of small parts welding with a programmable, event-oriented welding process.



Services in the area of training, analysis, Optimizations, commissioning



We offer you custom-fit services for your requirements.
The basis of our work is profound practical experience from demanding customer applications.

company member of

HARMS+WENDE GROUP

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