

Quality and Innovation: The Digital Path of Telsonic

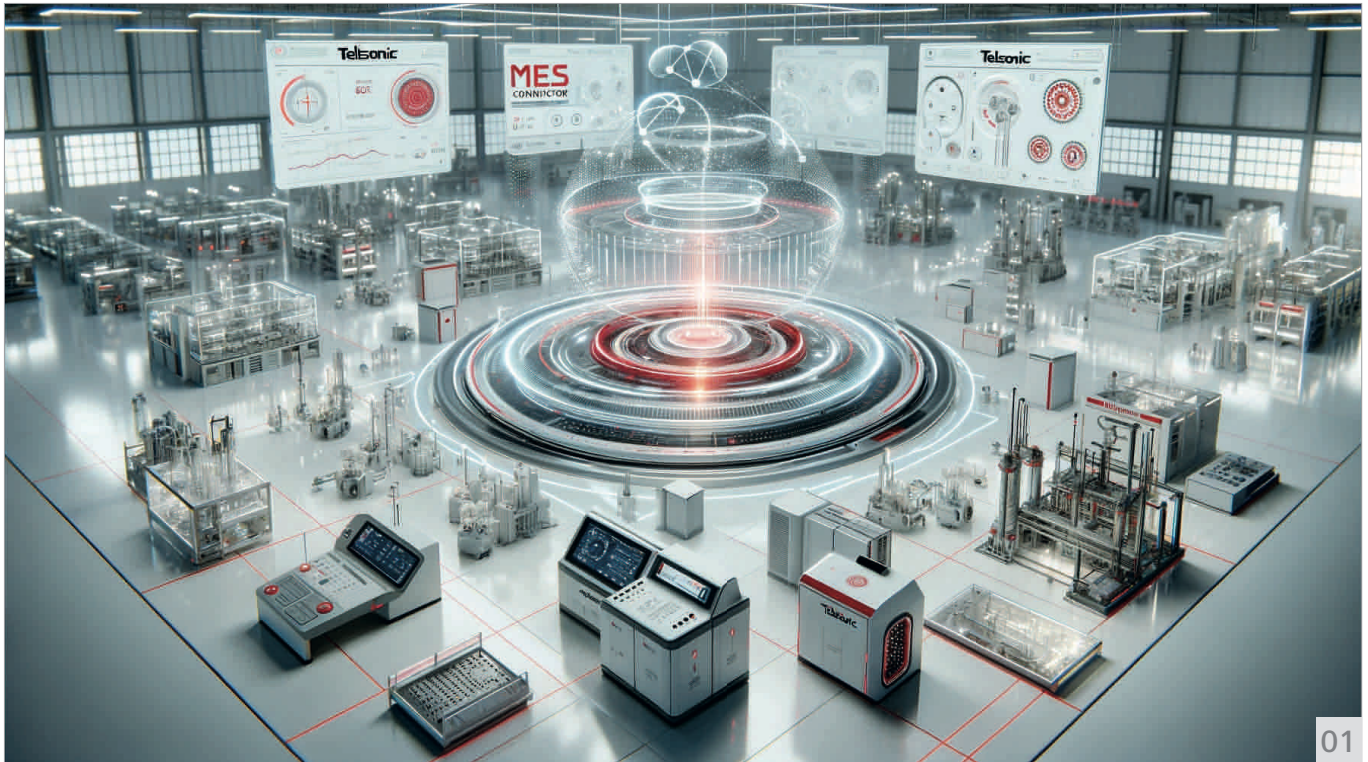
PLASTIC WELDING

METAL WELDING

CUTTING

CLEANING

SIEVING



01 Our philosophy of quality and innovation: Telsonic's digital path

Bronschhofen (CH), 02/2024

At Telsonic, we are continuously committed to pushing the boundaries of digital transformation in the manufacturing industry. Our tradition of excellence is advanced through the use of cutting-edge technologies such as the MES Connector and our Telso®Flex software, revolutionizing the control and optimization of manufacturing processes. These developments elevate our quality policy to a new level.

The MES Connector: Our Bridge to Efficiency

Our MES (Manufacturing Execution System) Connector is a groundbreaking development that simplifies the integration of our ultrasonic systems into our customers' existing manufacturing systems. As a JAVA open-source software, the MES Connector allows our users to customize and optimize their systems independently, without relying on external support. With pre-built functions for event response, order capture, and data querying, the MES Connector offers a flexible and efficient solution for controlling manufacturing processes.

Telso®Flex and MAG Weld Control: Our Pioneers of Digitalization

Our Telso®Flex software, combined with the MAG Weld Control ultrasonic generator, marks a turning point in the digital control of ultrasonic processes. These innovations enable a seamless connection of the various project phases – from application engineering through integration to operation and service. The digital linkage ensures improved efficiency and precision in process control, leading to a significant increase in productivity.

Unique Digital Signatures and Tec-Mode

We assign a unique digital signature to each sonotrode, ensuring precise and secure application. The Tec-Mode functionality of our MAG Weld Control facilitates the integration of the ultrasonic generator into the production line, enabling quick and easy «Plug & Play» installation. These advanced features significantly reduce technical effort and installation time, making us a preferred partner for integrators and end-users alike.

Quality and Environment in Focus

Our commitment to quality and environmental protection is confirmed by the ISO 9001:2015 and ISO 14001:2015 certifications for our quality and environmental management system. Furthermore, the ATEX certificate and the UL certification of our sieve generator SG4L pro underline our endeavor to develop products and processes that meet the highest safety and quality standards.

Conclusion

At Telsonic, we integrate quality and innovation into every aspect of our business activities, from product development to manufacturing control. By introducing the MES Connector and our Telso®Flex software, along with the innovative MAG Weld Control, we are setting new standards in digital manufacturing control. These technologies

enable us to further strengthen our quality philosophy and offer our customers advanced, efficient, and reliable ultrasonic solutions worldwide.

Moving Forward Together: Your Partner for Innovative Solutions

At Telsonic, we understand that each manufacturing process is unique and requires individual solutions. Our advanced technologies like the MES Connector and the Telso®Flex software are just the beginning of what we can offer. With our comprehensive expertise in ultrasonic technology and our commitment to quality and innovation, we strive to develop customized solutions tailored to your needs.



Whether you aim to optimize your production processes, increase efficiency, or improve the quality of your products, we are here to support you. Our experts work closely with you to understand the challenges of your specific manufacturing process and develop solutions that deliver real results.

Ask us for solutions for your processes too. We are ready to explore the possibilities with you and find innovative solutions that elevate your manufacturing to the next level. Contact us today to learn how we can help you achieve your goals and revolutionize your manufacturing processes.

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