MEDICAL

ULTRA SONIC

WELDING AND CUTTING TECHNOLOGY

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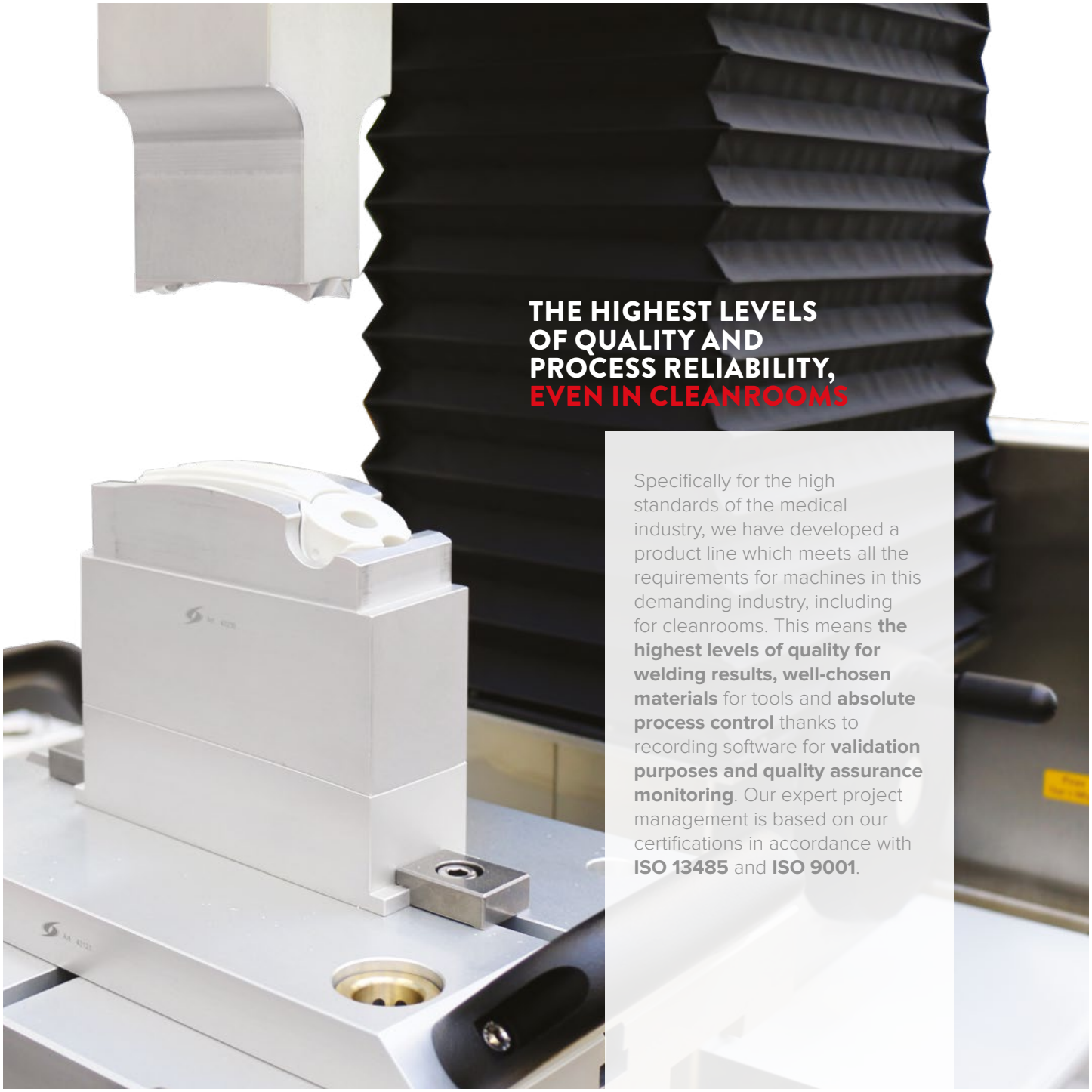
rinco® ultrasonics

*Technology **that moves***



THE HIGHEST LEVELS OF QUALITY AND PROCESS RELIABILITY, EVEN IN CLEANROOMS

Specifically for the high standards of the medical industry, we have developed a product line which meets all the requirements for machines in this demanding industry, including for cleanrooms. This means **the highest levels of quality for welding results, well-chosen materials** for tools and **absolute process control** thanks to recording software for **validation purposes and quality assurance monitoring**. Our expert project management is based on our certifications in accordance with **ISO 13485** and **ISO 9001**.

WELDING TECHNOLOGY
WITH A WHOLE HOST OF ADVANTAGES

- **Consistent and accurate welding results which can be reproduced** thanks to recording software
- **Optimization of the process** thanks to a high process speed and short process cycles
- **Suitable for cleanrooms**
- **Audit trail function** for complete traceability and quality assurance
- **Economical, energy-saving** and **efficient**
- **No additional connection components**

ULTRASONIC WELDING TECHNOLOGY
Welding, riveting, punching, die-sinking, bending and sealing can all be carried out on **thermoplastics and copolymers**.

Non-wovens and **technical textiles** containing thermoplastics can be **cut, punched, welded and sealed** in an **intermittent or continuous** operation.

CUTTING AND SEALING IN A SINGLE OPERATION

REPRODUCIBLE WELDING RESULTS

RELIABLE WELDING RESULTS

ANALYSIS OF THE WELDING PROCESSES TO ENSURE QUALITY

OUR TOOLS – WELL-CHOSEN MATERIALS, SUITABLE COATINGS, LOW WEAR AND TEAR

Our tools are custom-developed and calculated and simulated using **FEM analysis**. They are made from select materials and are therefore also suitable for **cleanrooms**. Their high quality guarantees a long service life. Thanks to our quick-change system, tools can be replaced within just a few minutes, reducing downtimes to a minimum.

AUTOMATION & INTEGRATION

Thanks to the modular construction of our components, a manual workstation can be developed into an **automation line** or integrated in a **special purpose machine** at any time.

ISO 13485 CERTIFIED

SUITABLE FOR CLEANROOMS

ISO CLASS 6 CERTIFIED

Since its foundation in 1976, RINCO ULTRASONICS has been developing and constructing machines and generators, as well as components and tools, to the highest levels of precision and quality for ultrasonic solutions.

ELECTRICAL MOTION

DYNAMIC 3000 CLEANROOM

STANDARD 3000 CLEANROOM

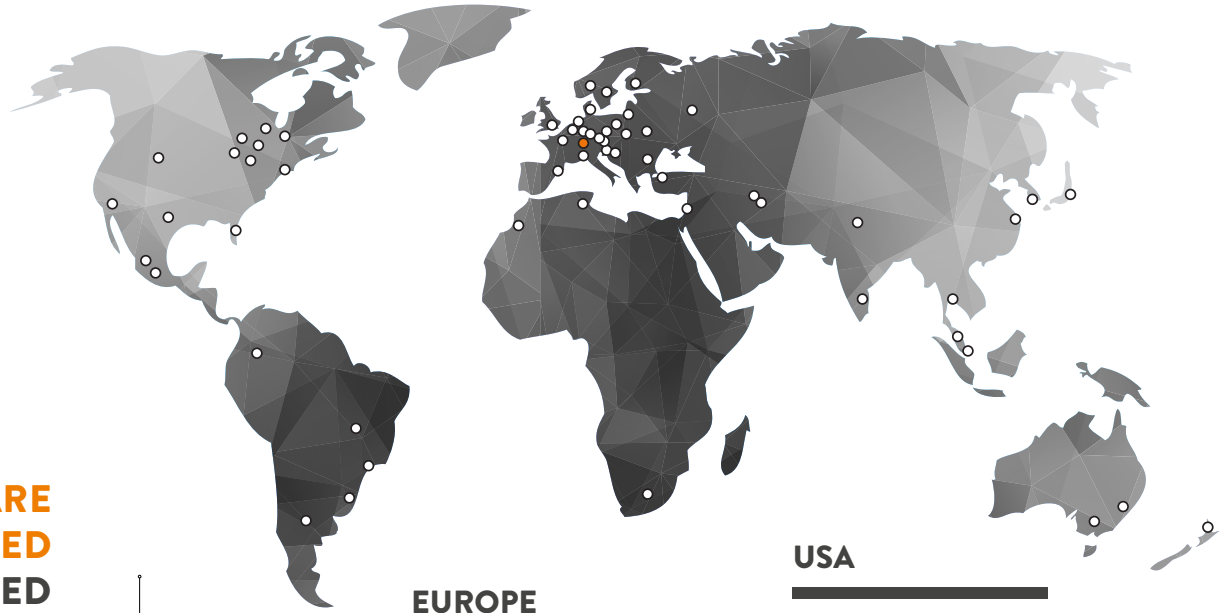
RINCO ULTRASONICS offers tailored solutions where there is a need for a high degree of efficiency and precision, a high processing speed, reproducibility, as well as a manageable investment volume. This also includes pilot trials in the laboratory, which involve testing the product and developing optimal solutions.

We also invest our many years of experience into the development of new and innovative products, and this guarantees our customers the ideal solution to meet their requirements every time. Our company is also certified in accordance with ISO 9001, ISO 13485 and ISO 14001, and is therefore familiar with high quality standards and quality assurance, with expert project management for sectors including the medical industry.

The global network of representatives and subsidiaries ensures that the established RINCO after-sales support team is always on-hand to provide the highest degree of security and process reliability. RINCO products are virtually maintenance-free and demonstrate long service lives.

ECONOMICAL, ENERGY-SAVING & EFFICIENT TECHNOLOGY

The right device for every application. We provide you with tailored technology. Contact us and we will be happy to advise you.



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ISO 9001 BUREAU VERITAS Certification
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ISO 14001 BUREAU VERITAS Certification

Swiss technology

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Medical GB V1.0