HIGH-TECH

ULTRA SONIC

WELDING AND CUTTING TECHNOLOGY

Australia
Free Phone: 1800 148 791
info@rincoultrasonics.com.au
www.rincoultrasonics.com.au

New Zealand
Free Phone: 0800 603 603
info@rincoultrasonics.co.nz
www.rincoultrasonics.co.nz

rinco® ultrasonics

*Technology **that moves***

THE HIGHEST LEVELS OF QUALITY AND PRECISION

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**. RINCO offers you everything you need for a production process at the highest level. Our expert project management is based on our certifications in accordance with **ISO 9001**, **ISO 13485** and **ISO 14001**.

WELDING TECHNOLOGY WITH A WHOLE HOST OF ADVANTAGES

ATTRACTIVE RIVETS

- **Optimization of the process** thanks to a high process speed and short process cycles
- **High flexibility** thanks to the modular construction of our components
- **Economical, energy-saving** and **efficient**
- **Consistent and accurate welding results which can be reproduced** thanks to recording software
- **Audit trail function** for complete traceability and quality assurance
- **Very short maintenance times**

ULTRASONIC WELDING TECHNOLOGY

Welding, riveting, punching, die-sinking, bending and sealing can all be carried out on **thermoplastics and copolymers** in the form of moulds or flexible shapes. A particularly suitable operation here is **embedding**, which allows **metals and plastic components** to be joined without pre-heating the metal components or damaging the application. **Cutting, punching, sealing and welding** can also be carried out on **technical textiles and non-woven materials.**

DIFFERENT MATERIALS CAN ALSO BE WELDED USING ULTRASOUND

ELECTRONIC COMPONENTS CAN BE WELDED WITH EASE

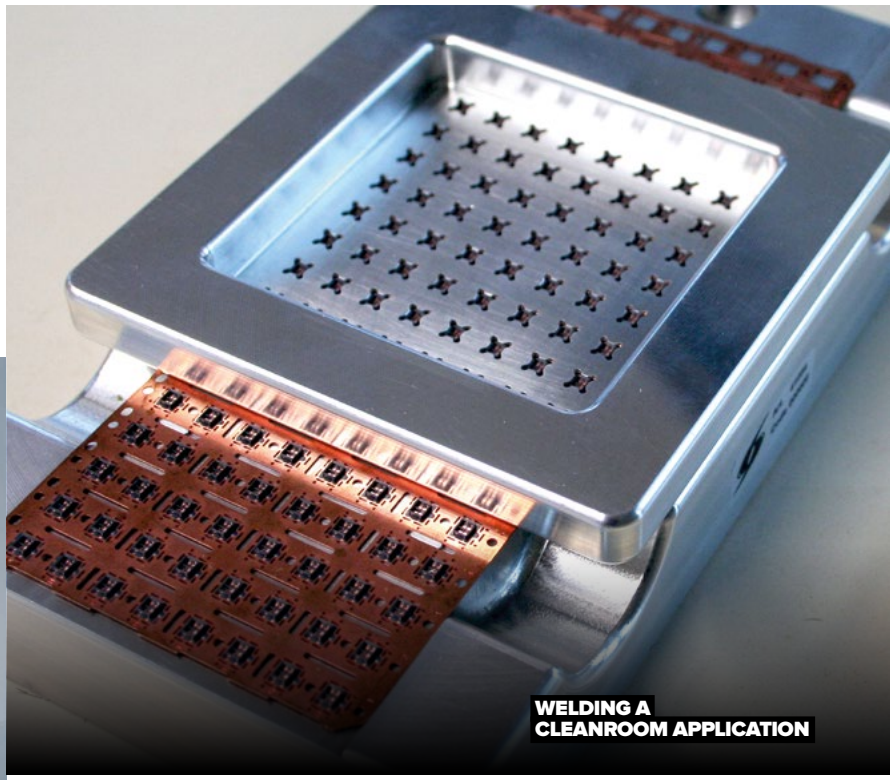
WELDING WITHOUT MARKING

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.

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.



WELDING A CLEANROOM APPLICATION

FREQUENCIES FROM 20, 30, 35, 40 AND 70 kHz

ELECTRICAL MOTION

STANDARD 3000 CLEANROOM

AGM

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.

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.

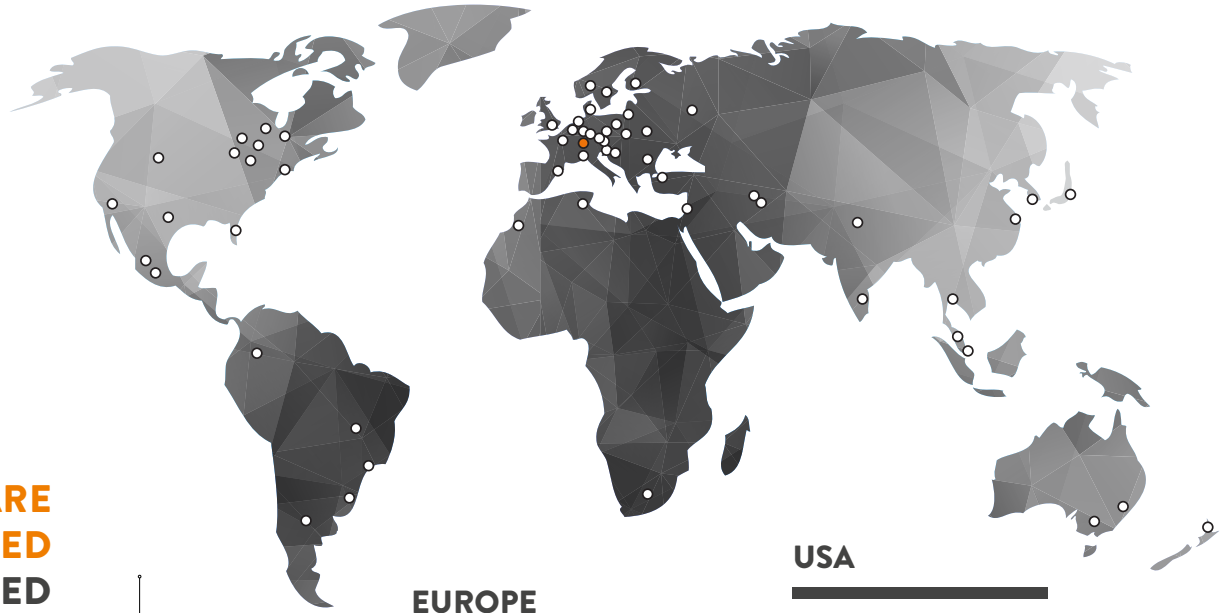
We also invest our many years of experience into the development of new and innovative products, and this guarantees our customers the ideal solution to meet their requirements every time. Our company is also certified in accordance with ISO 9001, ISO 13485 and ISO 14001, and is therefore familiar with 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.

OUR HORNS ARE PRODUCED IN-HOUSE



WE ARE
FOCUSED
COMMITTED
GLOBAL
LOCAL

rinco® ultrasonics

Australia
Free Phone: 1800 148 791
info@rincoultrasonics.com.au
www.rincoultrasonics.com.au

New Zealand
Free Phone: 0800 603 603
info@rincoultrasonics.co.nz
www.rincoultrasonics.co.nz

EUROPE

SWITZERLAND
rincoultrasonics.ch

GERMANY
rincoultrasonics.de

FRANCE
rinco-france.com

SPAIN
rincoultrasonics.es

ITALY
rincoultrasonics.it

SWEDEN
rincoultrasonics.se

DENMARK
rincoultrasonics.dk

USA

rinco-usa.com

ASIA

CHINA
rincochina.com

INDIA
rincoindia.com

MALAYSIA
rincoultrasonics.com.my

SINGAPORE
thecrestgroupincorporated.com

THAILAND
thecrestgroupincorporated.com

JAPAN
uthe.co.jp

ISO 9001 BUREAU VERITAS Certification
ISO 13485 BUREAU VERITAS Certification
ISO 14001 BUREAU VERITAS Certification

Swiss technology

A CREST GROUP COMPANY

High-tech GB V1.0