

PACKAGING



# ULTRA SONIC

WELDING AND SEAL TECHNOLOGY

 **rinco**<sup>®</sup>  
ultrasonics

Technology **that moves**



**THE HIGHEST LEVELS OF  
QUALITY AND PRECISION: WITH  
VERSATILE ULTRASONIC WELDING  
TECHNOLOGY TO CREATE A  
QUALITY PRODUCT**

**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.**

RINCO offers you everything you need for a production process at the highest level. Our components can be integrated into production lines quickly and with ease.

# WELDING TECHNOLOGY WITH A WHOLE HOST OF ADVANTAGES

- Gentle welding process that does not heat the product.
- No problems with product build-up around the seam in food industry applications. And the seam is of perfect quality.
- **Narrow sealed seams** and therefore **material saving**.
- **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.
- **Very short maintenance times**.

## ULTRASONIC WELDING TECHNOLOGY

Welding, punching and sealing can all be carried out on **thermoplastics and copolymers** in the form of **moulds or flexible shapes**. In the packaging industry these include **tubes, bottles, bags, blister packs, cardboard packaging, trays, films, double packaging** and much more.



ATTRACTIVE  
SEALED SEAMS



ULTRASOUND RELIABLY  
SEALS PACKAGING



CUSTOM SEALED  
SEAM CONTOUR



## 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.

**FLEXIBLE SEALED SEAM**

OVER  
**8 TIMES LESS**  
**ENERGY**  
**CONSUMPTION**  
COMPARED WITH THE  
HEAT SEALING PROCESS

## 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.



**OPTIMUM WELDING RESULTS**





**FPA 4500-T**



**ABW**



**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.

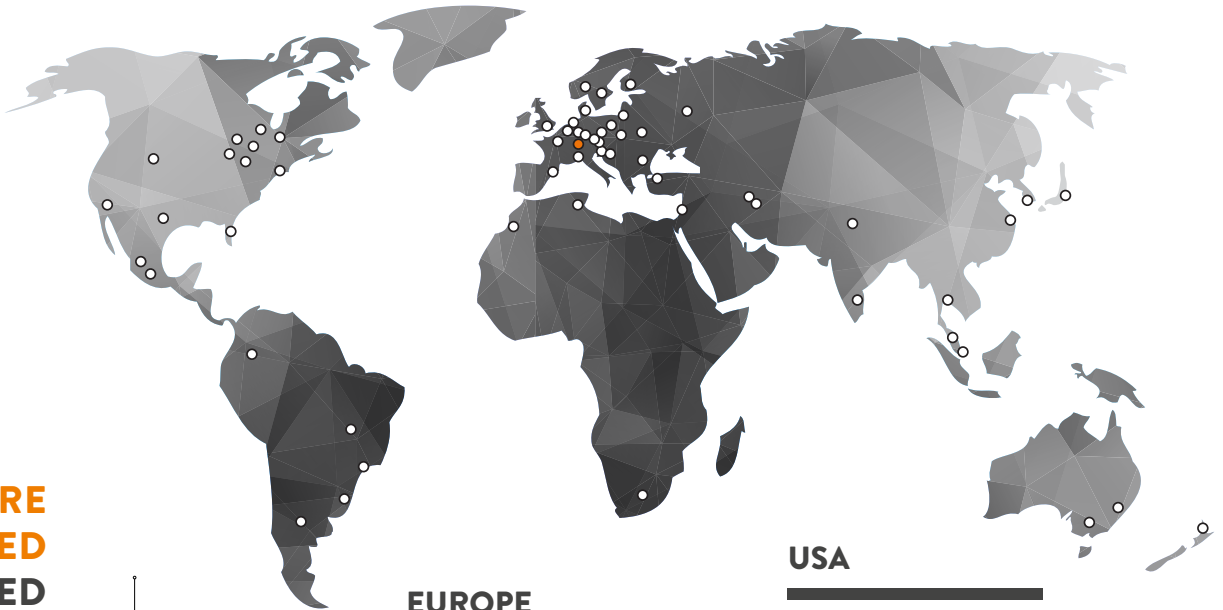
We also invest our many years of experience into the development of new and innovative products, and this guarantees our customers the ideal solution to meet their requirements every time. Our company is also certified in accordance with ISO 9001, ISO 13485 and ISO 14001, and is therefore familiar with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

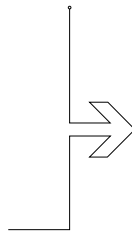
## ECONOMICAL, ENERGY-SAVING & EFFICIENT TECHNOLOGY

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





**WE ARE  
FOCUSED  
COMMITTED  
GLOBAL  
LOCAL**



## EUROPE

---

### SWITZERLAND

[rincoultrasonics.ch](http://rincoultrasonics.ch)

---

### GERMANY

[rincoultrasonics.de](http://rincoultrasonics.de)

---

### FRANCE

[rinco-france.com](http://rinco-france.com)

---

### SPAIN

[rincoultrasonics.es](http://rincoultrasonics.es)

---

### ITALY

[rincoultrasonics.it](http://rincoultrasonics.it)

---

### SWEDEN

[rincoultrasonics.se](http://rincoultrasonics.se)

---

### DENMARK

[rincoultrasonics.dk](http://rincoultrasonics.dk)

## USA

---

[rinco-usa.com](http://rinco-usa.com)

## ASIA

---

### CHINA

[rincochina.com](http://rincochina.com)

---

### INDIA

[rincoindia.com](http://rincoindia.com)

---

### MALAYSIA

[rincoultrasonics.com.my](http://rincoultrasonics.com.my)

---

### SINGAPORE

[thecrestgroupincorporated.com](http://thecrestgroupincorporated.com)

---

### THAILAND

[thecrestgroupincorporated.com](http://thecrestgroupincorporated.com)

---

### JAPAN

[uthe.co.jp](http://uthe.co.jp)



CONTACT US FOR MORE INFORMATION

**[rincoultrasonics.com](http://rincoultrasonics.com)**  
**[info@rincoultrasonics.com](mailto:info@rincoultrasonics.com)**  
**+41 71 466 41 00**

Industriestrasse 4  
CH-8590 Romanshorn  
Switzerland

