

## Specialist in ultrasonic welding of plastics

- Application-specific solutions for joining and separating injection molded and extruded plastic parts using ultrasonic
- Building standard and special machines, based on ultrasonic, hot plate, infrared and hot air technology
- More than 50 years of experience in plastics joining and roughly 200 tailor-made special machines per year worldwide



### Technologies

- Ultrasonic:  
Welding, cut & seal, roll seam welding, riveting, cutting, punching and embossing
- Hot plate/hot punch:  
Welding and riveting
- Infrared or hot air:  
Riveting

### Applications and industries

- Electronics, electrical engineering and telecommunications:  
housings, displays etc.
- Household goods – white goods:  
Viewing windows, controls & frame elements, fan wheels etc.
- Automotive engineering:  
Interior and exterior parts, lights, expansion tanks, valves, airbags, seatbelts, emblems etc.
- Office supplies:  
Housings and printer cartridges, transparent plastic folders, registers etc.
- Sports items:  
Helmets, goggles, elasticated goggle straps, sports clothing, netted fabric etc.
- Toys:  
Half shells, figures, ribbons etc.
- Medical engineering:  
Analytical accessories, reaction chambers etc.
- Textiles and filtration: tape and braided goods, bandages, foundation garments, filter media, nonwoven, velcro fasteners, (medical) sanitary products etc.

### Standard machines

- **iSONIC ECO HSG**: 35 kHz handheld welding device for single welds for pre-production runs or for prototype construction
- **iSONIC ECOFLEX**: Modular cabins with individual working area for small and medium-sized parts
- **iSONIC ECO**: Bench-top machines with feed unit in 35, 30 and 20 kHz for small parts
- **iSONIC ECO TM**: Tabletop machine with electric stepper drive and two integrated frequencies (35 and 20 kHz)

### Customized special machines **iSONIC CM**

Individual and customized machines for the industrial machining of large parts: With sliding table, indexing table, interchangeable tools or cassettes, swivelling parts nests, intelligent unloading handling devices, conveyor belt, robot automation, etc., as required.

### Ultrasonic components and systems

100% SONOTRONIC: production according to own design and in-house manufacture to high quality standards at our own production center:

■ Converters	■ Parts nests
■ Sonotrodes	■ Feed units
■ Boosters	■ Ultrasonic generators

### Services

We offer skilled project advice and monitoring:

- Qualified training
- Technical application advice and testing
- Prototype production
- 24-hour hotline



## Linked with success: tradition. progress. future. Made in Germany.

With innovative energy and always with an eye to quality, we at SONOTRONIC GmbH, design and produce machines, components and systems for joining plastics by ultrasonic. Our products are used world-wide by well-known OEMs in the manufacture of plastic interior and exterior parts in the automotive industry. Above and beyond this, SONOTRONIC also develops and manufactures Hi-Tech ultrasonic systems for the plastics, packaging, foodstuff, textile, medical and environmental industries. Alongside our dedicated team, we actively pursue sustainable and future-proof connection technologies. Our technology company, headquartered in Karlsbad, operates with branches in Spain, the United States, and China.



### Current data

- CEO: Marc Hägele, Yongwu Chen
- Year of foundation: 1974
- Number of employees: 170
- Export ratio: 60 %
- Quality management: EN ISO 9001
- Environmental management: EN ISO 14001

### Industry solutions

- Automotive
- Plastics
- Packaging & Food
- Technical Textiles
- Environmental

### SONOTRONIC GmbH (Headquarters)

Becker-Göring-Str. 17-25, 76307 Karlsbad, Germany  
 Phone: +49 7248 9166-0  
[info@sonotronic.de](mailto:info@sonotronic.de)  
[www.sonotronic.de](http://www.sonotronic.de)



### SONOTRONIC IBERICA S.L.

Pol. Ind. Comte de Sert, C/. Motors, nave 1  
 08755 Castellbisbal (Barcelona), Spain  
 Phone: +34 937 711886  
[info@sonotronic.es](mailto:info@sonotronic.es)



### SONOTRONIC, Inc.

31132 Century Drive, Wixom, MI 48393, USA  
 Phone: +1 248 987 5970  
[info@sonotronic.com](mailto:info@sonotronic.com)



### SONOTRONIC Ultrasonic Technology

(Shanghai) Co., Ltd  
 首诺超声技术 ( 上海 ) 有限公司  
 上海市宝山区市台路263号 No.263, Shitai Road,  
 Baoshan District, Shanghai 200444, China  
 邮编 : 200444  
 电话 : 86-21-68407700  
 传真 : 86-21-63302939



V-Card  
 SONOTRONIC  
 Headquarters Germany



V-Card  
 SONOTRONIC  
 Branch USA

### Agencies

- Bílá, Czech Republic
- Borås, Sweden
- Bursa & Istanbul, Turkey
- Cinisello Balsamo, Italy
- Johannesburg, South Africa
- Kaatsheuvel, Netherlands
- Kąty Wrocławskie, Poland
- Kawasaki, Japan
- Le Bourget, France
- Leicester, United Kingdom
- Marietta, Georgia, USA
- Puebla, Mexico
- São Paulo, Brazil
- Werribee, Australia