



Customized

# ULTRASONIC TRANSDUCERS

MADE IN GERMANY

## About SONOTEC® - 30 Years Experience

Over the last three decades, SONOTEC has firmly established itself in the market as a specialist in developing tailor-made ultrasound solutions for a wide variety of industries. With a large development department and an in-house

piezocomposite material production, we are with you every step of the way, from initial product concept, over the specified probe, to the start of production.

Our scientists and engineers are continuously researching new technologies in the field of ultrasonic transducers which enables us to provide you with the best solution for your application.



### Example Fields of Application:

- Phased-Array Ultrasonic Testing
- Sheet Metal Inspection
- Rail Inspection
- Pipeline Inspection
- Air-coupled Ultrasonic Inspection of Composites
- Ultrasonic Testing in Medical Technology
- Inspection of Plastic Pipes
- Corrosion Measurement at Refineries
- Thickness Gauging of Reinforced Rubber Conveyor Belts

## 150 000 Transducers per Year - Manufactured in Germany



For 30 years, we have been producing ultrasonic transducers at our headquarter in Halle (Saale) with an output of currently 150 000 pieces per year. We supply our customers with tailor-made, holistic solutions for a variety of industries and testing applications.

But what does the development and manufacturing process of an ultrasonic probe actually look like? And what makes SONOTEC probes so unique?



### 1 Comprehensive Project Consulting

Our sales team works together with our development department to provide you with comprehensive advice on finding a solution for your testing requirements.

After discussing your specific requirements, our experts use state-of-the-art software to develop a tailor-made probe sample designed exclusively for you.

Our in-house development team works highly interconnected with the various technical departments throughout the whole development process. This allows us to work quickly and with great flexibility.



### 2 Swift Delivery of Prototypes & Series Products

Thanks to our extensive development experience, we are able to supply our customers with prototypes just six weeks after finalising the specifications.

The production run of probes is then manufactured according to your specific requirements. Each probe is manufactured in our production facility by highly qualified staff, after which it undergoes rigorous quality checks. This enables us to guarantee superior quality and reproducibility, even with high volumes. You will, of course, receive a test report with delivery of your custom probe.



### 3 Manufacturing Partner

Our ultrasonic transducers have outstanding acoustic properties thanks to our highly flexible SONOTEC piezocomposite technology. To ensure that we can always supply our products in line with the latest technological standards, we work closely with research institutions such as the "Forschungszentrum Ultraschall" (FZ-U, German Ultrasound Research Centre). Once we have manufactured a bespoke probe, we are able to guarantee a long-term supply with excellent reproducibility of the acoustic properties. This approach has resulted in long-standing partnerships with a number of renowned clients in the world.

## Your Partner for OEM Solutions



### Application Experts

Looking for a solution for your application? Then send us your application and we will identify the ideal specifications to find a solution for your testing requirements. If there are no products suitable for your application in our extensive product range, we will develop custom-made ultrasonic transducers and sensors for you.



### OEM Solutions

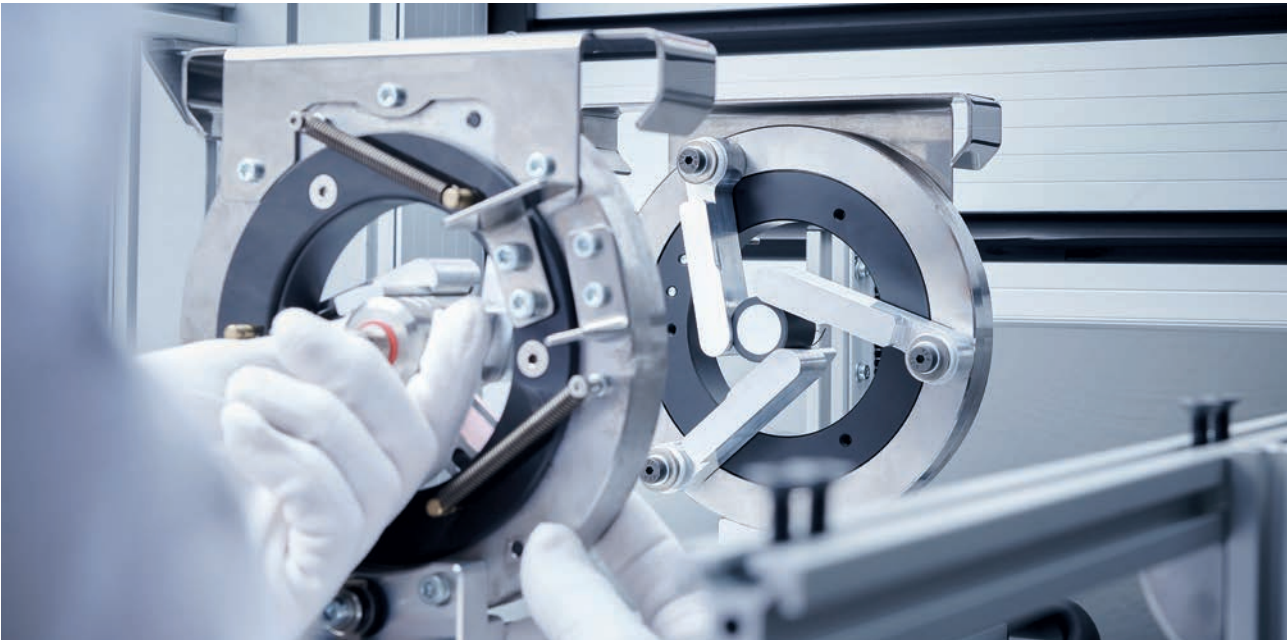
The extensive knowledge of our team of specialists and the many years of experience of our sales engineers ensure that our OEM components can be integrated seamlessly into your systems. The exceptional reproducibility of our products is one of our key strengths.



### Your Product

We are also able to offer you our services as a manufacturing partner for ultrasonic probes and ultrasonic transducers. Please send us your project details along with the defined specifications. We will develop a reproducible and optimised manufacturing process for you and supply you with products of the highest quality, Made in Germany.

## SONOTEC - Ultrasound is our Strength



### Contact and Support

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