

## **Brief information**

### **Who we are**

inoson GmbH was founded in 2002 and specializes in ultrasonic technology. We are active in the field of contract development and accompany product and process developments from the idea to production. We also supply special ultrasound-specific components and measuring devices. Our work is based on an experienced team of scientists and engineers who have been working together for many years, as well as a wealth of experience in a wide range of applications.

### **What we do**

We work holistically in the field of ultrasonic applications. Our work is not limited to the ultrasonic transducer itself, but we also design and implement complete sensors and sensor systems. We are happy to work together with our clients to ensure the necessary transfer of knowledge.

- Evaluation of ideas and consulting
- Conceptual design and technical feasibility analyses
- Prototype development and industrialization phase
- Manufacturing technology and production (via our affiliated company inosonComponents GmbH)
- Supply of equipment such as testing devices or laboratory equipment including accessories
- Services in the field of ultrasonic measurement technology

We are active in the fields of industrial measurement technology, laboratory measurement technology, consumer products, legal-for-trade meters, non-destructive testing methods and medical technology.

### **What makes us unique**

We work in a system-oriented way, i.e. we consider the complete system including algorithms, signal processing, analog and digital electronics and transducers. We are certain that only a system based on the physical measurement task with the resulting requirements on the components will lead to an optimal and sustainable development result.

Where desired, we work very closely with our clients. This creates synergies, reduces development risks and ensures the transfer of knowledge.

We have built up resources for all components of an ultrasonic system. This enables us to calculate numerical analyses and wave propagation, develop ultrasonic transducers, design optimal analog electronic signal pre-processing and implement the developed algorithms in suitable digital signal processing. We are therefore also familiar with the interaction of these components.

We work in all application areas, from automotive to custody transfer meters to oil and gas applications. We develop low-cost consumer solutions as well as complex systems for non-destructive testing.

### **Where we are**

We are based in Germany, in the federal state of Saarland.

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