



## Air-coupled Ultrasonic Inspections

Compared to conventional contact nondestructive testing methods the advantage of **air-coupling** is that the inspection can be performed **100 % contact-free**. Sensitive materials do not get exposed to couplant liquids such as water, gel or oil. In addition, complicated cleaning processes become obsolete.

Accordingly, this innovative testing method is suited especially for the **inspection of modern composite materials** as they are used in several industries such as automotive, aerospace, ship building, machine building and sports and leisure goods. The applications and structures are highly diverse and can be developed further constantly.

Modern inspection solutions have to be flexible in order to keep track with the rapid development of new materials, structures and applications. More than **25 years of experience**, a close connection to a large amount of network partners in research and science, a **strong R&D department and a flexible in-house production** make SONOTEC a competent partner for the realization of your testing application.

**For more information about SONOAIR click [here](#).**

### Detailed Product Information



#### **SONOAIR Inspection System**

Contact-free Material Testing with Air-coupled Ultrasound



## **SONOSCAN**

Air-coupled Ultrasonic Probes

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## **Applications**

Interface detection  
Homogeneity analysis  
Bond inspection  
Delamination testing  
Detection of internal cracks and inclusions  
Impact damage inspection

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DO YOU HAVE ANY QUESTIONS?

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Then contact us!

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NEWS:

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18.12.2018

**SONOTEC end-of-the-year review: strengthen international networks - foster innovations - invest in the future**

[more News...](#)

## EVENT CALENDAR:

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01.04.2019

**ASNT Research Symposium 2019**

[all Events...](#)

## CUSTOMER REVIEWS:

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**Our customers on our NDT products**

[all customer reviews...](#)