

SONOSCAN AIR-COUPLED PROBES

Advantages:

100% contact-free testing

Phased-Array probes made of piezocomposites

Frequencies ranging from 50 to 400 kHz

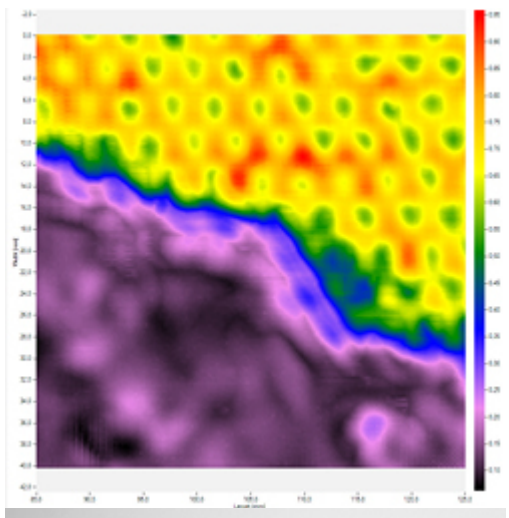
Important Applications:

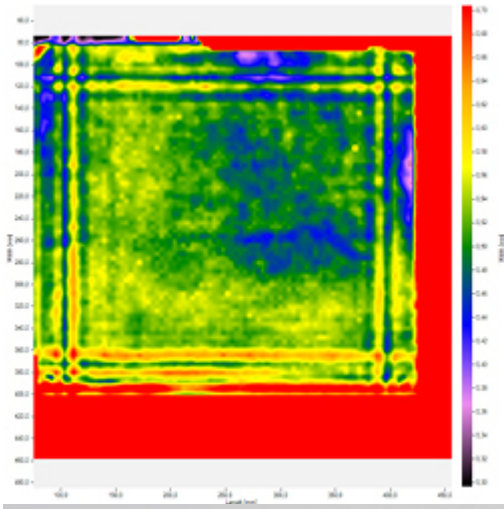
Material testing with air-coupled ultrasound

Testing of highly attenuating materials

Through transmission and pitch-catch mode

[Get a Quote](#)





The powerful probes of the **SONOSCAN CF series** are specially designed for contact-free air-coupled testing with our **SONOAIR Phased-Array inspection system**.

Due to the electronic focusing our probes can be placed much closer to the test object and thus higher frequencies can be used. Thus, the lateral resolution is significantly increased and much smaller defects can be detected.



Our highly sensitive piezocomposite probes are especially designed for the use with air-coupled ultrasonic testing. The robust and wear-free ultrasonic transducers with stainless steel housing are available in **frequencies from 50 kHz to 400 kHz**.

We are happy to test your sample as part of a **feasibility study on request**.

Types

Pair of Ultrasonic probes SONOSCAN CF 050	Nominal frequency: 50 kHz	Working temperature: -40 °C up to 60 °C
Pair of Ultrasonic probes SONOSCAN CF 075	Nominal frequency: 75 kHz	Working temperature: -40 °C up to 60 °C
Pair of Ultrasonic probes SONOSCAN CF 125	Nominal frequency: 125 kHz	Working temperature: -40 °C up to 60 °C
Pair of Ultrasonic probes SONOSCAN CF 200	Nominal frequency: 200 kHz	Working temperature: -40 °C up to 60 °C
Pair of Ultrasonic probes SONOSCAN CF 300	Nominal frequency: 300 kHz	Working temperature: -40 °C up to 60 °C
Pair of Ultrasonic probes SONOSCAN CF 400	With focusing by acoustical lens, Nominal frequency: 400 kHz	Working temperature: -20 °C up to 60 °C
3 element ultrasonic probes SONOSCAN CF 400 3E	Nominal frequency: 400 kHz	Working temperature: -20 °C ... 60 °C

Downloads

Type	Title	Size
	Flyer SONOAIR Phased-Array Air-Coupled Inspection System	2.52 MB
	Probe Catalogue NDT	7.13 MB

DO YOU HAVE ANY QUESTIONS?



Please contact us! We will be glad to help you.

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