Product Leaflet

SCAN & LISTEN

Microflown Technologies
Tivolilaan 205
6824 BV Arnhem
The Netherlands

Phone: +31 088 0010800
Fax: +31 088 0010810
Mail: info@microflown.com
Web: www.microflown.com
Human ears are only sensitive to changes in sound pressure. With Scan & Listen, particle velocity is now also made audible!

The combination of a Microflown with the Scan & Listen device is making our ears capable of hearing particle velocity! Listen to what no one has been able to hear before. Identify noise sources even in situations where high levels of background noise are present. Locating sound sources in practical environments can be difficult, especially in situations with non-stationary sources such as squeak & rattle. The Scan & Listen is a measurement technique based on short quick scans, instead of a time consuming series of measurements. Often just by listening to the particle velocity, you can obtain better results, than with an extensive and complex measurement campaign. Scan & Listen offers an intuitive method for sound source localization. Moreover, acoustic leakages can be detected quickly and accurately. Scan & Listen is handheld, therefore it is fast and mobile, as well as being practical and easy to use.

The system has the option to simultaneously record both particle velocity and sound pressure while still providing real time playback.

**FEATURES**

The Scan&Listen system at a glance

- Direct playback of particle velocity and sound pressure
- Fast, easy & intuitive
- Particle velocity in the near field has lower susceptibility to background noise and reflections compared to sound pressure and our ears
- Applicable in (real) operating environments e.g. reverberant environments

Excellent tool for:

- End of line quality control
- Noise source identification
- Dynamic behaviour determination
- Squeak & Rattle noise localization
LISTEN LIKE A BEE
LISTEN TO PV

The Scan & Listen is a simple solution for investigating complex problems. Thanks to the unique properties of the particle velocity sensors, you can rely on your own ears to locate noise sources whilst disregarding the influence of other sound sources.

"WITH SCAN & LISTEN, PARTICLE VELOCITY...

...BECOMES AUDIBLE TO HUMAN EARS"
REDUCE THE PRESSURE IN YOUR WORK
GO FOR PARTICLE VELOCITY