

HEAD acoustics at the world's leading exhibition for automotive testing

Medium-sized company presents measurement technology in Stuttgart

HEAD acoustics – the expert for sound and vibration analysis, electroacoustics and communication measurement technology – will participate at Automotive Testing Expo Europe in Stuttgart, Germany from June 5 to 7, 2018 and present high-performance measurement technology for NVH and telecommunication in automobiles at booth no. 8366 in hall 8.

Exclusive insight and trend-setting innovations in the field of NVH

Visitors of the leading exhibition for test, evaluation and development procedures in the automotive industry will appreciate pioneering innovations: HEAD acoustics will provide exclusive insight into ArtemiS SUITE 10.0, the software for sound and vibration analysis. With the release in September 2018, the software will also include a tool for sound intensity measurements, which is characterized by its intuitive operation and the gradual guidance of standard ISO 9614-1.

Furthermore, HEAD acoustics will present HEAD VISOR for the localization of sound sources in the automotive sector. Interested visitors are invited to convince themselves of the precision and quality of the recordings in real time, and to experience live binaural recordings, representing the core business of the company.

Measurement technology for optimizing speech and audio in vehicles

Customer requirements for speech and audio quality in vehicles are increasing continuously. Therefore, hands-free systems, in-car communication systems, voice control as well as speech intelligibility of eCall systems have to be tested according to the highest demands. With *labCORE*, HEAD acoustics is going to present a multi-channel and versatile front-end platform in Stuttgart. Due to its modularity, the wide range of digital and analog inputs and outputs as well as the programmable interfaces, *labCORE* is the all-in-one solution for voice and audio quality measurements. Another highlight of the front end: Its modular design allows new technologies to be added quickly and easily, thus making *labCORE* a future-proof solution.

With VoCAS (Voice Control Analysis System), HEAD acoustics will present a turnkey test solution for voice control systems, which can also be used in vehicles. The efficient and flexible software allows for objective and fast quality evaluations of voice control systems, even under realistic and reproducible test conditions.

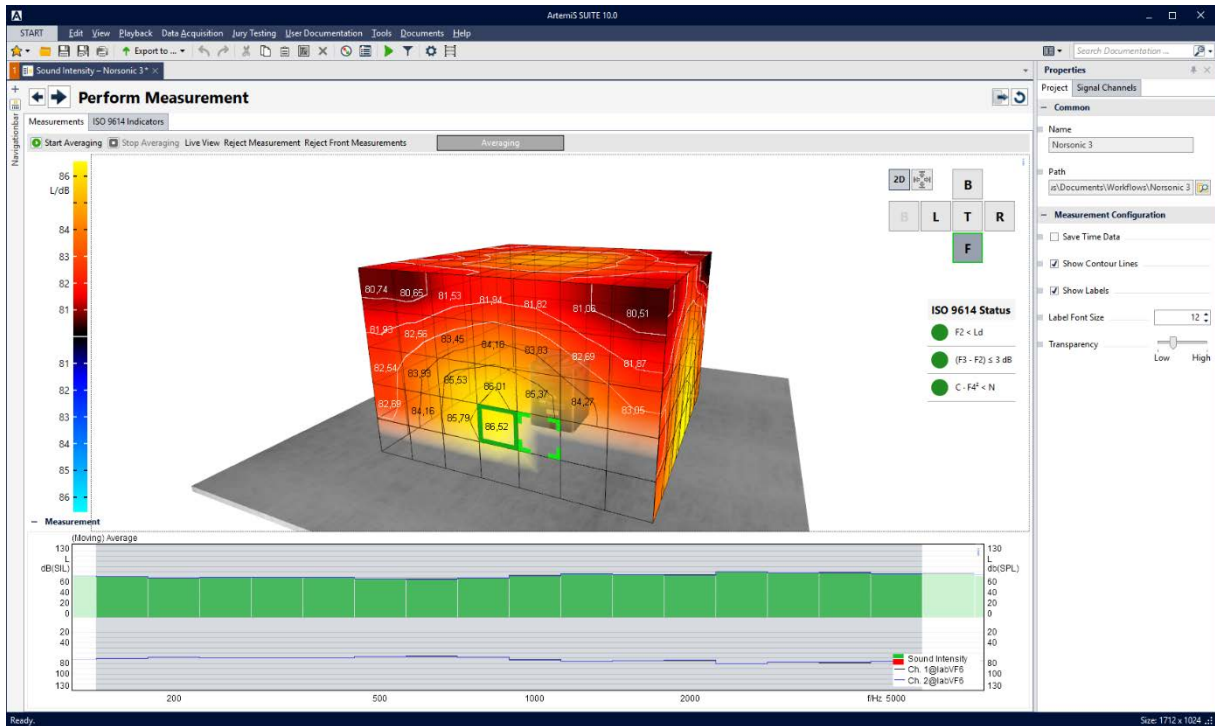
About HEAD acoustics

For decades, HEAD acoustics has been one of the world's leading suppliers of products and services in the fields of binaural recording and playback technology, sound and vibration analysis and communication measurement technology.

The company is internationally recognized for its expertise and leadership in the development of hardware and software for measurement and analysis to optimize noise, speech and audio quality.

Always focused on the pulse of time, high-tech solutions for data acquisition and analysis are developed passionately. HEAD acoustics offers holistic solutions for various acoustic requirements in vehicles, taking into account the aspects of human perception of sound and vibration events. The product portfolio includes optimally aligned hardware and software solutions as well as customized solutions and services.

The medium-sized company located in Herzogenrath nearby Aachen has subsidiaries in France, Great Britain, China, Japan, South Korea and the USA and cooperates with numerous representatives all over the world.



Sound intensity measurement of a standard source according to ISO 9614-1 with ArtemiS SUITE 10.0



Modular multi-channel front end *labCORE*