

From free-field to random incidence in a second

For years, automotive engineers have been performing many different types of measurements in the same automotive test setup. Being forced to make sacrifices to either their data quality or be inefficient in their test setup.

With the 146AE rugged automotive microphone especially designed for NVH testing, we have solved a lot of these issues, and we push the boundary for what can be expected of measurement microphones, using only a single type of microphone.

Now we have added another feature to the already versatile 146AE rugged automotive microphone: the new RA0357 Random Incidence Corrector.





QUICK CHANGE FROM FREE-FIELD TO RANDOM INCIDENCE RESPONSE

The 146AE is designed as a free-field microphone, which compensates for its own presence in the sound field. However, with the RA0357 random incidence corrector, it is possible quickly to change the response from free-field to random incidence.

ADAPTIVENESS AND FLEXIBILITY ALL-IN-ONE

The RA0357 adds flexibility to the already versatile rugged automotive microphone. The random incidence corrector can be mounted on the fly and saves you time setting up, conducting and evaluating your entire test setup.

IDEAL FOR CABIN MEASUREMENTS

You already have the advantages of measuring in high temperatures, in high humidity and under dusty conditions with the 146AE. The RA0357 makes it ideal for measurements in car cabins, engine compartments or other challenging acoustic environments.

About GRAS Sound & Vibration:

GRAS is a leading manufacturer of state-of-the-art measurement microphones. We serve R&D, QA and production units within aerospace, automotive, audiology, and consumer electronics with critical demands to microphone accuracy and repeatability.

GRAS is represented through subsidiaries and distributors in more than 40 countries.

Read more at www.gras.dk

