



Comprehensive development service
from a single source

Development of optimal acoustic and vibration technology

ARRK Engineering provides solutions for all acoustic and vibration engineering tasks throughout the development process. From creation of fundamental concepts, through innovative simulation and testing methods, right up to comprehensive project support, competent solutions can be offered from a single source.

Product development

- Vibrational comfort
- Structural dynamics
- Aeroacoustics
- Noiseless products (BSR, operational noise)
- Statutory regulations
- Noise quality (noise measurements according to customer requirements)
- Noise emissions (sound power and sound level)
- Benchmark analyses (mobile and stationary)
- Troubleshooting



Technical systems and metrology

For the engineering focus and related validation, ARRK Engineering uses modern and diverse testing facilities and complementary infrastructure:

- 50 Hz semi-anechoic chamber (ISO 26101)
- Low-noise shaker
- Structural dynamics and durability shaker
- Transmission loss test bench
- Müller BBM PAK/MKII
- LMS Test.Lab

YOUR ADDED VALUE

- *Partner for all aspects of Noise, Vibration and Harshness (NVH) development*
- *Combination of interdisciplinary competences in the fields of structural dynamics and operational durability*
- *Many years of experience and technical expertise in all development phases – from structural dynamics to aeroacoustics*
- *Dedicated cooperation partners (e.g. TÜV Süd Product Service GmbH)*