

TESTING SERVICE

ACOUSTIC TESTING

SCOPE OF TESTING

- Free field acoustic measurements and tests in anechoic chambers, including measurements of sound source directivity,
- acoustic testing of machines and devices,
- sound power measurements,
- environmental noise measurements,
- noise measurements at the workplace (occupational health and safety, OHS)*,
- building acoustic testing*, including measurement of sound insulation of building elements,
- acoustic consultations and expert assessments,
- vibroacoustic workshops.

* Certified testing can be performed upon obtaining accreditation

INTENDED USE

The offer of tests and measurements is intended for research laboratories, acoustic equipment manufacturers, scientific and research institutions, the construction sector, occupational health and safety (OHS) industry, and industrial plants, particularly production facilities with equipment and devices requiring verification of specified acoustic parameters, as well as for individual clients.

ADVANTAGES

- high accuracy of measurements,
- reliable results of measurements conducted by the laboratory at the Świętokrzyskie Laboratory Campus / Central Office of Measures (ŚKLGUM), ensuring traceability to the national measurement standards,
- possibility to carry out tests and measurements in two anechoic chambers:
 - large chamber: 11.7 m × 10.7 m × 11.2 m,
 - small chamber: 6.95 m × 6.45 m × 7.12 m,
- possibility to carry out tests and measurements with portable equipment on-site or at the client's premises,
- possibility to rent and use the anechoic chambers by research laboratories, scientific institutions, and manufacturers