

SPEKTRA News: Accreditation extensions from 2024

Title: News from the SPEKTRA laboratory: DAkkS accreditation extensions and 500th conformity assessment

Teaser: SPEKTRA sets new standards in the accredited calibration of highly sensitive measuring instruments and celebrates a special milestone with its 500th conformity assessment.

Text:

SPEKTRA LABS already has several DAkkS and other accreditations for various measurement parameters. We are audited at regular intervals - this ensures that the quality is always right. Since the world of sensors and the applications and challenges of our customers are constantly developing, it is also important for us to constantly expand our range of services. Not only with factory calibrations, but also with accredited calibrations. That's why we regularly celebrate accreditation renewals.

What were our innovations in 2024?

Precise positioning with GNSS

As the only manufacturer-independent calibration laboratory in Europe, we [calibrate GNSS and INS instruments](#) to the highest accuracy and quality. Accredited to DIN EN ISO/IEC 17025, we are the first calibration laboratory in Germany to perform both DAkkS and factory calibrations for these instruments. We are setting new standards in dynamic calibration, especially for IMUs, and are renowned for our speed and reliability.

High-Sensitivity Geophones for Greater Safety

Geophones and seismometers are instruments that use highly sensitive sensors to detect vibrations and seismic signals. Accurate and timely detection of these signals is critical to the safety of large structures and the protection of human life.

Therefore, it is important to calibrate these seismic sensors regularly and traceably.

We at SPEKTRA LABS are the only calibration laboratory offering [DAkkS-accredited primary calibration](#) (horizontal) of seismometers in the range of 160 Hz...320 Hz (geophones only up to 315 Hz).

500th Conformity Assessment for Sound Level Meters and Sound Level Calibrators

Manufacturers of sound level meters and sound level calibrators are required to submit their products to a conformity assessment before placing them on the market. Since 2015, these conformity assessments can also be carried out by private commercial companies. In the middle of 2012, SPEKTRA GmbH Dresden received its first accreditation according to DIN EN ISO/IEC 17065 and was recognized by the Federal Ministry of Economics and Climate Protection as a [Notified Body](#) for sound level meters and calibrators according to MessEG and MessEV.

Growth soon took off and our commitment to quality and service paid off. In May 2024, ZS SPEKTRA GmbH Dresden wrote the 100th certificate of conformity for our customers, and by the end of 2024, the 500th had already been "cracked".

As Robert Knoof puts it: *"As the head of the certification body, I am very proud of the achievements and positive development in the field of conformity assessment. It's great to see that the hard work, especially in the initial phase, is paying off and the market acceptance is increasing."*

Test and Calibration Services: Uncompromising precision

We calibrate and test your instruments quickly, reliably and individually - worldwide and to the highest standards. Our accredited laboratories in Germany and the USA guarantee accurate measurement results and smooth processes.

What can we do for you?

Visit our SPEKTRA Labs website or contact our experts directly.

Phone: +49 351 400 24 0 | Email: sales@spektra-dresden.com